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1913

Will H. Tracy & Co.

Catalogue

— of —

“Sterling Quality” Seeds



ALLEN, STERLING & LOTHROP

49 Exchange Street, 64 Market Street

PORTRLAND, MAINE

What "Sterling Quality"
— SEEDS —
MEAN FOR YOU IN
— 1913 —

YOU know the advantage of using only the highest grade seeds. Your experience has taught you that Seed Quality is more necessary than fertile soil and a favorable growing season. *Therefore*, you should buy "Sterling Quality" Seeds for your 1913 planting. *Because they mean*—Seeds that will give you the greatest possible yield, Seeds that are true to name, Seeds that germinate quickly, Seeds that have been tested, Seeds that are clean and neatly packed.

Our Seed Buyers, men of years of experience, have selected our stock from among the most reliable growers in the world.



We are now ready for your orders, knowing that "Sterling Quality" Seeds mean for you a satisfactory harvest.

ALLEN, STERLING & LOTHROP.

ALLEN, STERLING & LOTHROP

ANNUAL CATALOGUE OF "STERLING QUALITY"

SEEDS, DAIRY AND POULTRY SUPPLIES

JANUARY 1, 1913

INFORMATION AND SUGGESTIONS TO CUSTOMERS

Orders Should be written on our order sheet or on a blank sheet separate from letter, preferably in ink. Be sure to sign your name and give your address. We advise customers to order early. Get your seeds before the spring rush!

Remittances Money can be safely sent by Bank Check, Post-office Order, Express Money Order, Registered Letter, or Express. Postage Stamp remittances taken in amounts less than \$1.00. Customers who have no regular account with us will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

Delivery **Free Delivery** to any post office in the United States on all flower and vegetable seeds by the PACKET, OUNCE, HALF-POUND and POUND. Pints, quarts and such seeds as we especially note are not included however. We make no charge for packing boxes or shipping; bags charged at cost. We guarantee the safe arrival of all goods.

**Market
Gardeners** **Farmers' Clubs and Institutions** wanting to purchase Seeds in large quantities should write for special prices. In writing give us a list of quantities and varieties required and we will return list promptly with quotations.

**Telephone
Orders** Will be executed immediately. Call Portland 4234.

Non-Warranty There are many contingencies constantly arising to prevent the best seeds from giving satisfaction. We aim to supply only the best quality of seeds and to be as represented. But it is impossible to guarantee seeds under all circumstances. We give no warranty, expressed or implied, as to description, quality or productiveness of any seeds, bulbs or plants, and will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Prices quoted in our Catalogue are subject to change without notice.

ALLEN, STERLING & LOTHROP,

PORLAND, MAINE.

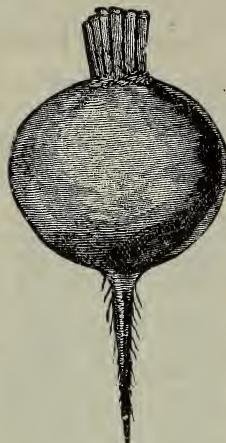
BEET

Sow as early in the spring as the ground can be worked. For succession sow at intervals until the first of July. The soil should be well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 15 inches apart and cover one inch. When well up thin out from 4 to 6 inches apart in the rows.

One ounce to fifty feet of drill; six pounds to the acre.

Eclipse. A standard variety, early, and of good quality, very uniform.

Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



ECLIPSE BEET

Dirigo Extra Early.

A rich, blood-red beet of fine grain and flavor, earlier than the Egyptian or the Eclipse. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Crosby Egyptian. An extra early sort for gardeners' use and for the home garden, of superior quality.

Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Edmand's Blood Turnip. A medium

early sort, deep red, popular with market gardeners. The seed stock we offer is of superior quality. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Detroit Dark Red. A blood-red, early, turnip-shaped variety; skin and flesh a dark blood red, very tender and sweet, uniform in growth, and a desirable sort for market gardens. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Dewing's Blood Turnip. A standard variety of fine quality. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Long Smooth Blood Red. A large late sort. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Swiss Chard or Spinach Beet

The leaves are used as greens, and served like spinach. The mid-ribs may be cooked like Asparagus. Cuttings may be used all summer as it can be cut down to the ground and new shoots will soon spring up and make fast growth.

Swiss Chard or Silver Leaved. Grown for its leaves only. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Swiss Chard Lucullus. The largest and best. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



SWISS CHARD OR SPINACH BEET

Mangel-Wurzel and Sugar Beets

Grown for feeding stock. Sow in May or June in drills 2 inches deep about 2 feet apart, thin out to 10 inches apart.

Mammoth Long Red. This variety produces roots of mammoth size, and are enormously productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Norbiton Giant.

A standard variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Golden Tankard.

Bright yellow, hardy and a good yester. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Gatepost. The largest yellow

Mangel, small top, single tap root and a heavy cropper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Lane's Imperial Sugar Beet. An improved variety

on the White French Sugar, and often yielding a crop as large as the best Mangel. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Wanzleben. Very

rich in sugar, roots conical, yielding heavy crops. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



MAMMOTH LONG RED MANGEL-WURZEL BEET

Brussels Sprouts

Cultivate the same as cabbage. The sprouts resemble miniature cabbage and are very tender.

Improved Dwarf. A standard sort. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Improved Long Island. The finest variety, very compact sprouts. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c.

Broccoli

A vegetable much resembling cauliflower.

White Cape. The most desirable variety. Pkt. 5c., oz. 35c. $\frac{1}{4}$ lb. \$1.00.



Chives

Hardy perennial plants grown for their tops which are used as a salad and for flavoring soups. Seed per pkt. 10c., oz. 50c. Roots 15c. per bunch, 25c. by mail, prepaid.

CABBAGE

The cabbage is an important crop and should be planted in fresh rich soil, well manured and deeply dug or plowed. For early use sow in a hot-bed in March, transplant to the open ground when danger from frost is past. Plant the early sorts about 18 inches in the rows and the late sorts about 2 feet in the rows and the rows about 3 feet apart. For the late crops sow in the open ground in June. Our cabbage seed is grown from selected stock and is equal to any offered in the market.

One ounce will produce about 2,000 plants

COPENHAGEN MARKET.

An extra early variety; heads ball-shaped, large and solid, averaging in weight about 10 pounds. It will give perfect satisfaction both as to quality and yield, having few outside leaves. The plants can be set closer than most varieties. Type being thoroughly fixed, the heads mature all at the same time. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c., 2 oz. \$1.00, $\frac{1}{4}$ lb. \$1.75.

Early Spring. Flat, extra early, solid heads, uniform in size. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Express, Extra Early. The earliest variety, small solid heads, maturing about one week earlier than the Jersey Wakefield. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Jersey Wakefield. A standard early market variety, conical shape and good quality; heads uni-

Chervil

An aromatic sweet herb used for flavoring and garnishing.

Curled. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Chicory

The roots when dried and ground are used as a substitute for coffee; cultivation the same as the carrot.

Large Rooted. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Cress or Peppergrass

Sow early in the spring on rich soil in drills 10 or 12 inches apart and make frequent sowings every two weeks. Cover seed about $\frac{1}{4}$ inch.

Extra Curled. Fine flavor, may be cut several times. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Carter's "Parsley Curled." Broad leaves, curled like parsley, fine for garnishing. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Water Cress. Sow in the spring near the margin of ponds or running streams. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.



COPENHAGEN MARKET

form and solid. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 30c., 2 oz. 55c., $\frac{1}{4}$ lb. 90c., lb. \$2.75.

Charleston Wakefield. Large solid heads, about one week later than the Early Jersey Wakefield. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 80c., lb. \$2.50.

Henderson's Early Summer. A popular second early sort, heads round, medium size, very solid and compact. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

Early Winningstadt. A hardy sort, heads conical shape, solid. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

CABBAGE—Continued

Fottler's Improved Brunswick. A fine summer or early fall variety, producing large, solid heads of fine quality with few outer leaves. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

All Seasons. Large heads, round and very solid and sure heading; nearly as early as the Early Summer. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

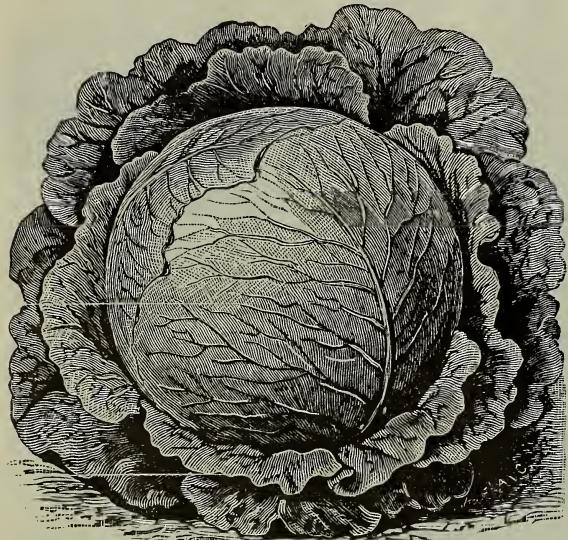
Succession. A good second early cabbage; similar to All Seasons. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

A. S. & L., CAPE ELIZABETH.

Heads hard, solid, tender and crisp. It is remarkable for its long-keeping qualities. One of the best shipping varieties. Pkt. 10c., oz. 40z., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Warren's Stone Mason. An improvement on Stone Mason, round, medium sized, solid heads, a good keeper. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Danish Ball Head. This variety produces large, round and compact heads, strong and vigorous in growth. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.



HOLLANDER CABBAGE

Hollander or Danish Ball Head (Imported). A very hardy, handsome, solid variety. One of the best keepers; plant vigorous, compact growing, and hardy, resisting cold and dry weather. Heads medium size, round and very solid. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 35c., 2 oz. 65c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Premium Flat Dutch. An old standard, late variety; large, solid, flat heads. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 65c., lb. \$1.75.

Marblehead Mammoth. The largest variety of Drumheads. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Mammoth Red Rock. Heads dark red and solid, fine for pickling. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Improved American Savoy.

Large, solid, round heads, of superior quality, tender and good flavor, the best variety for family use. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Red Danish Stone-head (New).

One of the largest and most solid and compact of the red varieties, sure heading and tender. Pkt. 10c., $\frac{1}{2}$ oz. 30c., 2 oz. 90c. $\frac{1}{4}$ lb. \$1.50.



IMPROVED AMERICAN SAVOY CABBAGE

CAULIFLOWER

CAULIFLOWER

The soil that will grow cabbage will grow cauliflower. It should be made richer and thoroughly worked before planting. For the early crop, sow the seeds in a hot-bed in February or March and transplant to cold frames 2 or 3 inches apart each way. They should be planted in the garden early in May. For the late cauliflower, plant in the open ground in June and transplant in July.

One ounce will produce 2,000 plants.

Extra Early Dwarf Erfurt. Of dwarf growth with large, snow-white heads of regular shape; good for forcing. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$2.50.

Earliest Dwarf Snowball. The earliest cauliflower in cultivation, absolutely sure to head when conditions are ordinarily favorable. Plants are very dwarf and of compact growth with large, firm, snow-white heads. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$2.50.

Thorburn's Gilt Edge. One of the finest sorts in cultivation; forms a perfect snow-white head. A little later than the Extra Early varieties. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$2.50.

Danish Giant or Dry Weather. This variety is about two weeks later than the Snowball. It is of dwarf growth producing large, hard and snow-white heads fully protected by its foliage. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$3.00.

Veitch's Autumn Giant. A large, late sort. Pkt. 10c., oz. 50c.

CARROT

Carrots do best in a good, light and rich soil. Sow in April or May for the early crop and for the main crop sow in May or June in drills about $\frac{1}{2}$ inch deep in rows 14 inches apart and thin plants 3 to 4 inches in the rows.

One ounce to 150 feet of drill; 4 pounds to an acre.

Early Scarlet Forcing. The earliest variety for forcing, small round roots and excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Scarlet Horn. A favorite early variety, of fine flavor and excellent for the table. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

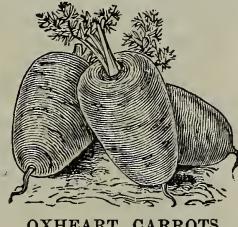
Danver's Half-Long. The best sort for the main crop, dark orange color, growing very smooth, yielding large crops, and is a splendid keeper; roots medium length, tapering uniformly to a blunt point. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Danver's Half-Long. Special Market Gardener's Strain. Selected seed. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Improved Long Orange. Deep orange color, roots of large size and a good keeper; extensively grown for stock feeding. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Guérande or Oxheart. Medium early, short and thick, and a good cropper. Pkt. 5c., oz. 15c., 2 oz. 30c., $\frac{1}{4}$ lb. 50c., lb. 1.50.

Large White Belgian. Very productive and largely used for feeding stock. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



OXHEART CARROTS

Giant Pascal. A tall growing sort, blanches early and keeps well. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 75c.

French's Success. Growth compact and short in stem so that plants may be well earthed up for blanching while growing close together. It requires more time to mature than some sorts but remains firm, solid and in perfect condition until late in the spring. Pkt. 5c., oz. 40c., 2 oz. 75c., $\frac{1}{4}$ lb. \$1.25.

Soup Celery. For flavoring. Oz. 5c., $\frac{1}{4}$ lb. 10c., lb. 30c.

CORN, Sweet

Plant in hills 3 to 4 feet apart each way, dropping 6 seeds in each hill or in drills 3 to 4 feet apart. The seeds should be covered about 2 inches. In this climate Sweet Corn should not be planted before the middle of May.

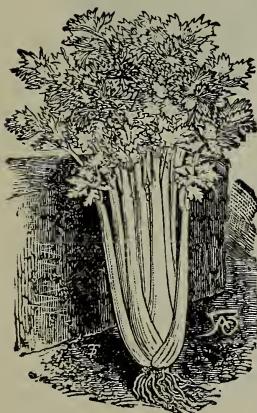
Pkts. 10c. each prepaid. If other quantities are wanted by mail add at the rate of 5c per pint and 10c. per quart; half pecks and half bushels at peck and bushel rates.



ELLIS-CROSBY SWEET CORN

Ellis-Crosby Extra Early. An extra early and productive variety, ripening nearly as early as the Cory, growing very dwarf with ears set low, averaging from 16 to 20 rows; an excellent variety for market gardens, very sweet and tender. The seed we offer was specially grown for us in New England for our retail trade. Pkt. 10c., pt. 15c., qt. 25c., 2 qts., 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.50.

CELERY



PARIS GOLDEN
SELF-BLANCHING

For early celery sow the seed of the self-blanching sorts in a hot-bed early in the spring. As soon as the plants are 3 inches high, transplant into frames in well-enriched soil 4 inches apart. Cut them once or twice before setting them out in May or June to make them stocky. When about six inches high transplant into trenches wide enough to hold two rows. The rows should be about 1 foot apart and the plants set about 8 inches apart. For winter celery start the seeds in flats as for early only a little later. As the plants grow they should be earthed up to blanch, taking care not to cover the center of the plant.

One ounce of seed will produce about 4,000 plants.

Paris Golden Self-Blanching (French grown, special gardener's strain). The finest early celery grown, easily blanched and of excellent flavor, solid and crisp. Pkt. 10c., $\frac{1}{2}$ oz. 60c., oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

White Plume. A desirable early variety, requiring very little labor in blanching. Pkt. 10c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 60c.

Boston Market. White solid, crisp and tender; the best late variety. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

CORN—Continued

EXTRA EARLY MAYFLOWER (New).

This new variety is extremely early, being fit to use 60 days from planting. It is from 8 to 12 rows, running mostly 10 rows. It is about the same size stalk as the Cory. It is a variety that has commanded the utmost praise from everybody that has tried it. $\frac{1}{2}$ pt. 10c., pt. 20c., qt. 30c., $\frac{1}{2}$ pk. \$1.00.

Peep-O'Day. Extra early and sweet, 2 to 3 ears to the stock. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.25.

Early Red Cory. A popular early variety. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25.

Early White Cory. Differs from the above in color of cob. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25.

Burbank's Early Maine. A popular early sort, white cob, fair sized ears. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25.

Burpee's Golden Bantam. Early, hardy, and of the most delicious flavor; being of a dwarf growth the stocks can be grown closely together in the row. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.50

MORSE'S GOLDEN CREAM (New).

A cross between **Country Gentleman** and **Golden Bantam**. With the irregular shoe peg kernels of the former and the early habit and golden color of the latter, it combines the delicious flavor of both. The habit of growth is rather dwarf and the stalks bear 2 to 4 ears. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c.

Early Crosby. About ten days later than the Ellis-Crosby; largely used for canning. Pkt. 10c., pt. 12c., qt. 20c., 2 qts. 35c., $\frac{1}{2}$ pk. 60c., pk. \$1.00.

Black Mexican. Very sweet and tender, medium early. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25.

Stowell's Evergreen. A late standard sort of excellent quality. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25

Potter's Excelsior. Good sized ears and well filled. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.00.

Country Gentleman. A large, late variety of excellent quality. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 75c., pk. \$1.25.

Cucumber

For general crop plant when the ground has become warm, in hills 4 feet apart each way. Thin out to 4 plants to each hill after all danger of insects is over. For very early cucumbers sow about April 1st, in a hot-bed on a piece of sod, grass side down so that they can be easily transplanted to the open ground when danger of frost is over.

One ounce will plant fifty hills; two pounds will plant an acre.

Klondike. A medium early cucumber of very dark green color and an excellent quality for slicing; vine



IMPROVED WHITE SPINE

very hardy and productive. The fruits when mature are about 8 inches long. Its uniform size and shape and splendid color make this variety very popular as a shipping sort. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Boston Pickling. This variety is largely planted for pickles. Fruit medium size, smooth, light green and very productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Davis Perfect. For forcing or outdoors. The fruit is of fine form, of a rich dark green color, very few seeds, tender, brittle and of fine flavor. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Early Russian. One of the earliest varieties, grows from 3 to 4 inches long. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 90c.

Early Cluster. An early sort growing in clusters. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Early Frame or Short Green. A well-known variety used for slicing and pickling. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

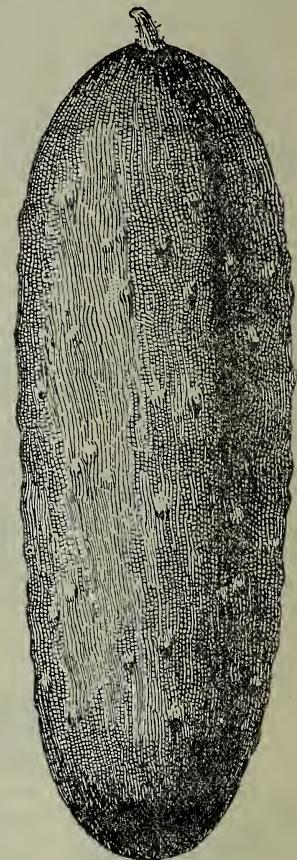
Cumberland. Fine variety for pickling or slicing. Vines are of strong growth and prolific and continue in bearing a long time. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Improved White Spine. One of the most popular varieties in cultivation. The fruit is light green with white spines, uniform in size and very productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Long Green. An old standard variety. Fruit from 10 to 12 inches long, dark green and crisp. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Japanese Climbing. A quick growing sort, throwing out tendrils which enable them to climb poles or trellises. Fruit from 12 to 16 inches long. Pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

West India Gherkin. A small prickly variety grown only for pickles. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.



KLONDIKE CUCUMBER

DANDELION

One of the earliest and most popular of spring greens. Sow in May in drills 12 inches apart; cover the seed $\frac{1}{4}$ of an inch deep. The following spring the plants will be ready for cutting.

One ounce for 200 feet of drill.

DANDELION—Continued



DANDELION

Improved Thick-Leaved. A carefully selected strain; popular with market gardeners. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Egg Plant

Sow the seeds in hot-beds very early in the spring and transplant when about 3 inches high into small pots or another hot-bed. Do not plant out in the open ground until the weather has become warm and settled.

One ounce will produce about 1,000 plants.

New York Improved Purple. This variety produces fruit of large size, nearly round, dark purple and excellent quality. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Black Beauty. A valuable early sort, about ten days earlier than the New York Improved; color a rich purplish black. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.50.

Endive

For early use sow as early in the spring as the ground can be worked in drills 15 inches apart. Transplant to 1 foot each way. When full grown tie the outer leaves at the top to blanch them.

One ounce will produce 3,000 plants.

Green Curled. A standard sort for fall and winter. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

White Curled. A fine, white curled variety, self-blanching. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Broad-Leaved Batavian. A variety growing very compact, very tender and of fine flavor. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Kale

Sow from May to June, broadcast or in drills, cover $\frac{1}{2}$ inch, cultivate the same as cabbage.

One ounce to 150 feet of drill.

Dwarf Green Curled Scotch. A fine, low-growing variety, the leaves densely crimped and curled; very hardy and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Kohl Rabi

Seed should be sown in drills as early in the spring as possible. When well established, thin to six inches apart. The bulb grows entirely out of the ground.

Early White Vienna. A very early sort, excellent quality, flesh white and tender. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Early Purple. Similar to the above except in color. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Leek

Plant in the spring in a light, well-enriched soil in drills 1 foot apart. Cover the seed about one inch and thin to 9 inches apart in the drills. Draw earth up to them as they grow.

One ounce of seed to 150 feet of drill.

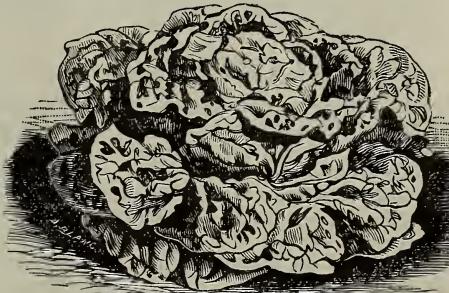
London Broad Flag. A strong growing sort with broad leaves. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Musselburgh. Leaves large and broad. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

LETTUCE

For summer use the seed can be sown in hot-beds in March. Transplant when the weather will permit in rows 12 inches apart and 8 inches apart in the rows. For a succession sow in the open ground every two weeks until fall. Lettuce requires a rich and a rather moist soil. The more rapid the growth, the better the quality.

One ounce of seed will produce about 3,000 plants.



TENNIS BALL LETTUCE

Big Boston. Fine for forcing or open-ground planting, large, solid heads. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Boston Curled. Leaves beautifully curled, very attractive on table. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb., 40c.

Brown Dutch. An early sort with loose heads tinged with brown. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Crisp as Ice. Large, solid heads, yellow heart, outside dark green and bronze. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Deacon. Large, solid heads, a fine summer variety. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Early Curled Simpson. Very early, forms a close, compact mass of leaves. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Grand Rapids. A very popular variety, leaves crimped, very attractive, matures quickly; the heads are dark green, very crisp and tender. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Hanson. A large, solid variety. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Hittinger's Belmont Forcing. Heads of larger size than the White-Seeded Tennis Ball, nearly as early and of crisp and tender quality; a superior forcing variety. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

May King. Large, round, solid heads, one of the best varieties for planting in open ground. Pkt. 5c., $\frac{1}{2}$ oz. 12c., oz. 20c., $\frac{1}{4}$ lb. 50c.

LETTUCE—Continued

Mignonette. Small, solid, compact, creamy, yellow heads; leaves russet colored, very early and hardy, splendid quality. Pkt. 5c., $\frac{1}{2}$ oz. 12c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Tennis Ball, White Seeded. A well-known forcing variety. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Tennis Ball, Black Seeded. A favorite variety for outdoor crop, forms close, hard heads that are crisp and tender. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Romaine or Cos Varieties

Paris White Cos. An early sort with long, narrow leaves. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Trianon, Self-Folding Cos. Requires no tying to blanch, very crisp and tender. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 60c.

MELON

Melons succeed best in light, sandy, rich soil. After all danger of frost is past plant in hills 4 to 6 feet apart each way, six to ten seeds to a hill. When about 3 inches high and all danger from insects is past thin out to 3 or 4 plants to a hill.

MELON, Musk

One ounce to 60 hills; two to three pounds to one acre.

Emerald Gem. Fruit of medium size, very early and of fine flavor; flesh deep orange. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.

Miller's Cream or Osage. Most delicious flavor, flesh salmon color, very thick and finely netted. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Paul Rose. Fruit is nearly round, flesh is of deep orange color, very sweet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Burrell's Gem. Dark salmon flesh, delicious flavor. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Hackensack. Large size, round, flesh light green, early and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.

Rockyford. A popular market variety. The fruit is oval, medium size, finely netted. Flesh light green and very sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.

Long Yellow. Very large, slightly ribbed and thickly netted; flesh salmon yellow and sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Montreal Market. A large-fruited variety, nearly round. Skin dark green; heavily netted. Flesh light green. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c.

MELON, Water

Plant in hills about 8 feet apart and cultivate the same as for Musk Melon.

One ounce for 30 hills; four pounds for one acre.

Cole's Early. One of the best early varieties, medium size, nearly round, flesh dark red and excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Fordhook Early. Very early, good size, color medium green, flesh red and of good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Phinney's Early. Early and productive, flesh red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Vick's Early. Early, of medium size, pink flesh. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Ice Cream. Nearly round, medium size, flesh scarlet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Mountain Sweet. An old variety, flesh red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Citron. Used for preserves; white flesh, hardy and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Martynia

The seed pods which are produced in great abundance are gathered when young and tender for pickling. Sow in the open ground in May, 3 feet apart each way. **Proboscidea.** The most productive variety. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. 75c.

MUSTARD

Sow thickly in early spring in shallow drills or in boxes during the winter. Successive sowings may be made every ten days.

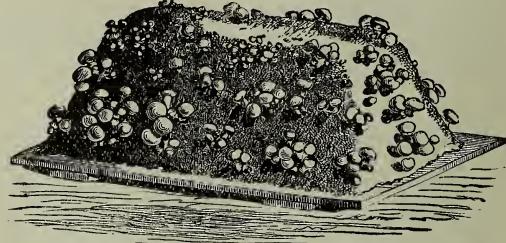
One ounce will sow about 75 feet of drill.

White London. The best for salads and flavoring. Pkt. 5c., $\frac{1}{4}$ lb. 10c., lb. 30c.

Black or Brown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Chinese. Leaves twice the size of the ordinary White Mustard which are curled and eaten boiled like spinach. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Mushroom Spawn



MUSHROOM SPAWN

Mushroom can be grown in cellars, in sheds, or in hot-beds where a temperature of 50 to 70 degrees is easily maintained.

English Spawn. In bricks 15c. per lb., 8 lbs. for \$1.00. If wanted by mail add 10 cents per pound.

Books on Growing Mushrooms, Robinson's Book 50c., Falconer's Book \$1 00, postpaid.

Okra

Sow the seed late in the spring after the ground has become warm in rows about 3 feet apart, 1 inch deep, thinning out to about 9 inches apart in the rows.

Improved Dwarf Green. Very productive, long green pods. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

White Velvet. Large pods, smooth and free from ridges. Pkt. 5c., oz., 10c., $\frac{1}{4}$ lb. 25c.

ONION

Sow the seed as early in the spring as the ground can be worked in drills about 1 foot apart and cover about $\frac{1}{2}$ inch. Thin plants to stand from 2 to 3 inches apart in the drills. The soil should be made very rich and kept free from weeds.

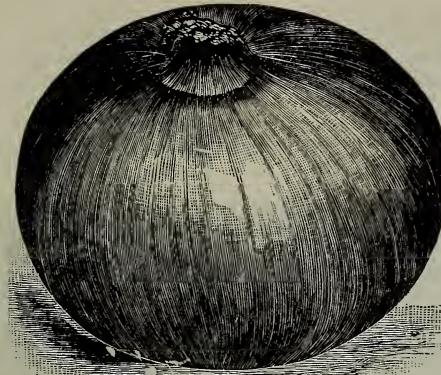
One ounce to 100 feet of drill; five pounds to the acre. **Early Yellow Cracker.** An early flat variety of mild flavor and keeps well. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$1 75.

Early Red Globe. About ten days earlier than the Red Wethersfield, medium size and a good keeper. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Danvers Yellow Globe. The most profitable variety to grow, producing bulbs of globular form which ripen early and uniformly, producing large crops. The seed we offer was grown in New England from selected bulbs by a reliable grower of long experi-

ONION—Continued

ence. We cannot recommend this strain of seed too highly, not only on account of its great yield but also of its superior keeping qualities. Pkt. 5c., oz. 25c., 2 oz. 45c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



DANVERS YELLOW GLOBE ONION

Danvers Yellow Globe. Seed grown in California. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Southport Yellow Globe. Bulbs medium size and good keepers, color a rich yellow. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Large Red Wethersfield. The standard red, flat variety, large size, skin deep purplish red, a good keeper. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

White Portugal. One of the best white sorts; bulbs mature early, very mild flavor, the best to grow for sets. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Prize Taker. The largest yellow onion, flesh white and of mild flavor. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

New Queen. A pure white variety of rapid growth; fine for pickling. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Onion Sets



Onion Sets should be planted as early in the spring as the ground is dry enough to work, in rows 12 inches apart and 2 to 4 inches apart in the rows.

Add 10c. per quart if sent by mail; for larger quantities, prices will be quoted on application.

White Sets. Qt. 25c., pk. \$1.25.

Yellow Sets. Qt. 25c., pk. \$1.25.

Potato Onion Sets. Qt. 25c., pk. \$1.25.

Egyptian Perennial Tree Sets. Plant in September for spring use. Qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.00.

Parsley

Soak the seeds a few hours in lukewarm water and sow early in the spring in rich soil in drills one foot apart; thin out the plants to 4 inches apart in the rows.

One ounce to 150 feet of drill.

Double Curled or Covent Garden. One of the best sorts, handsome bright green color; leaves finely crimped and curly. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Champion Double Curled. A fine strain, very dark green. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Parsnip

Sow as early in the spring as the weather will permit in deep, rich soil in drills 18 inches apart, covering the seed slightly; thin to 5 or 6 inches apart in the rows.

One ounce to 100 feet of drill; five pounds to the acre.

Abbott's Improved Hollow Crown. The roots are smooth, large, tender and sugary; a heavy cropper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Arlington Long Smooth. Roots long and smooth; a good market sort. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Pumpkin

Same cultivation as for squash.

One ounce will plant 20 hills; one pound will plant 250 hills.



SUGAR PUMPKIN

Small Sugar. Very sweet and fine grained, a good keeper, best sort for family use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Large Cheese. A flat, yellow sort, very hardy and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Mammoth Tours. Very large size, oblong in shape, largely used for feeding stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Connecticut Field. Very productive, usually grown in fields with corn for feeding stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Pepper

Sow the seed in hot-beds early in April. Transplant when 2 or 3 inches high to 3 inches apart. Transplant to the open ground about the first of June, in rows 2 feet apart and 18 inches apart in the rows. The soil should be rich and mellow.

One ounce will produce about 2,000 plants.

Large Bell or Bull Nose. Large and of mild flavor, largely used for pickling. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Sweet Mountain. The fruit is very large and smooth, flesh very tender and mild flavored. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Squash or Tomato-Shaped. Fruit medium size, early and productive. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Long Red Cayenne. Bright red, long slender pods, very pungent. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Red Cherry. Small, round, bright scarlet fruit. Pkt. 5c., $\frac{1}{4}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{2}$ lb. 75c.

Red Chili. Used for seasoning and for making pepper sauce. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{2}$ lb. 75c.

Chinese Giant. A very large variety of mild flavor, maturing very late, color bright scarlet. Pkt. 5c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

PEAS

Sow the early, smooth, round sorts as early in the spring as the ground can be worked in light, dry, rich, loamy soil. The wrinkled varieties are more tender and the seed is more liable to rot and should not be planted when the ground is cold and wet. The late varieties do not require as rich soil as the early and dwarf sizes. Sow in rows 3 to 4 feet apart and about 1 inch apart in the rows, 3 to 4 inches deep. Peas grown as a market crop are never staked, but when the taller sorts are grown for private use, they are generally sown in double rows 6 to 8 inches apart and staked with brush.

One quart will plant about 100 feet of drill; 1½ bushels to the acre.

Those marked with a (*) are wrinkled varieties.

If wanted by mail, add at the rate of 5c. per pt., 10c. per qt., half pk. and half bus. at pk. and bu. rates.

Extra Early Varieties

***Little Marvel.** A dwarf variety of even growth about 18 inches in height, pods dark green, medium size, often produced in pairs, as early as Nott's Excelsior or American Wonder, equal in flavor and more prolific. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c., $\frac{1}{2}$ pk. \$1.35, pk. \$2.50, bush. \$9.50.

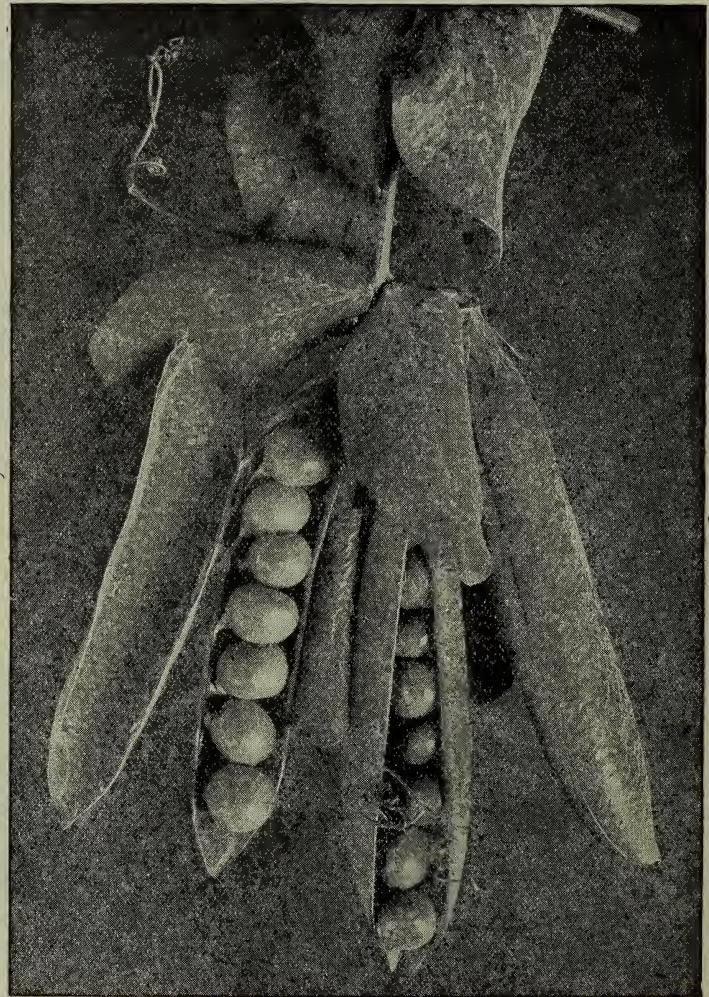
***Laxtonian.** One of the most remarkable varieties yet introduced; very dwarf, growing only 12 to 15 inches high, producing pods in great abundance; nearly as large as the Telephone. The peas are large with a flavor the very sweetest and best. Pkt. 15c., $\frac{1}{2}$ pt. 25c., pt. 40c., qt. 75c., $\frac{1}{2}$ pk. \$2.50.

CARTER'S DAFFODIL.

A dwarf and very prolific pea of deep green color. It is a first early of bushy habit, and about 18 inches, obviating the necessity for sticks, and rendering it serviceable for borders. Its pods are larger than most of the well-known peas of the early dwarf class, while the quality and flavor of the peas is delicious. Pkt. 15c., pt. 30c., qt. 50c., $\frac{1}{2}$ pk. \$1.75, pk. \$3.00.

Alaska. One of the earliest blue peas, pods dark green, of medium size and uniform in growth, height 2½ feet. $\frac{1}{2}$ pt. 10c., pt. 15c., qt. 25c., $\frac{1}{2}$ pk. 90c., pk. \$1.70, bu. \$6.25.

Ameer. A desirable extra early sort, as early as the Alaska but has larger pods. Height 2½ feet. $\frac{1}{2}$ pt. 10c., pt. 15c., qt. 25c. $\frac{1}{2}$ pk. 90c., pk. \$1.70, bu. \$6.25.



GRADUS PEAS

PEAS—Continued

Pedigree. A quick-growing, white, round pea; pods good size, well filled, nearly all maturing at one time; height 2½ feet. ½ pt. 10c., pt. 15c., qt. 30c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.00.

Maud S. An old, standard, early variety, height 2½ feet. ½ pt. 10c., pt. 15c., qt. 30c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.00.

***Nott's Excelsior.** A splendid early sort; pods are always well filled with large peas of delicious flavor. The vines are more vigorous than the American Wonder. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.00, bu. \$7.25.

***Sutton's Excelsior.** As early as Nott's Excelsior with much larger pods, a large cropper and of rich flavor. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25, bu. \$7.50.

***American Wonder.** A well-known and popular variety of fine quality. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25, bu. \$7.50.

***Premium Gem.** An early, dwarf, wrinkled variety of very fine quality; height 18 inches. ½ pt. 10c., pt. 15c., qt. 30c., ½ pk. \$1.25, pk. \$2.00.

***Gradus or Prosperity.** The earliest and most popular of the large-podded, wrinkled peas; vines vigorous, bearing large pods from 4 to 4½ inches in length, filled with large peas of the finest quality and delicious flavor. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.50, pk. \$2.50, bu. \$9.00.

***Thomas Laxton.** Similar to Gradus; the pods are long, straight, with square ends and contain 7 or 8 peas of the finest flavor; hardy and productive; height 3 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 40c., ½ pk. \$1.40, pk. \$2.25, bu. \$8.50.

***Surprise.** One of the earliest of the wrinkled varieties, pods good size, well filled with peas of fine flavor; height 2 feet. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.15, pk. \$2.00, bu. \$7.00.

Second Early and Medium Varieties

***Carter's Quite Content (New).** The largest podded variety yet introduced, vines and pods deep green, pods 7 to 7½ inches long, hanging mostly in pairs and contain 9 to 11 large peas of excellent flavor; recommended for the market or private garden; a large cropper, height 3 to 4 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 50c., ½ pk. \$1.50, pk. \$2.75, bu. \$10.00.

***Prince Edward.** An important acquisition to the list of second early peas. Pods broad with blunt ends, filled with peas of excellent quality. One of the best sorts for either home or market. Robust vines growing to 2½ feet high. ½ pt. 15c., pt. 20c., qt. 40c., ½ pk. \$1.15, pk. \$2.25, bu. \$8.50.

***Bliss Abundance.** A second early variety bearing long, round pods containing 6 to 8 peas, height 2 feet. ½ pt. 10c., pt. 15c., qt. 25c., ½ pk. 90c., pk. \$1.70, bu. \$6.25.

***Horsford's Market Garden.** A medium early variety, productive and of good quality, height 2 feet. ½ pt. 10c., pt. 15c., qt. 25c., ½ pk. 90c., pk. \$1.70, bu. \$6.25.

***McLean's Advancer.** Fine standard sort, pods medium size; peas tender and of excellent quality, height 2½ feet. ½ pt. 10c., pt. 15c., qt. 25c., ½ pk. 90c., pk. \$1.70, bu. \$6.25.

***Heroine.** Medium early, pods long, slightly curled, growing very uniform, well filled with peas of fine flavor, height 2 feet. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.15, pk. \$2.25, bu. \$8.00.

General Crop

*CARTER'S DREADNOUGHT (New).

A novelty of great merit. It has large, deep-green pods well filled with peas of delicious flavor, and its resistance to mildew and drought are its distinguishing characteristics. Height 3 feet. Pkt. 15c., ½ pt. 20c., pt. 35c., qt. 60c., ½ pk. \$2.25, pk. \$4.00.

***Admiral Dewey.** One of the finest and most desirable of the large-podded varieties. The vines are of vigorous growth; the pods are always of good size, well filled with peas of the highest quality, specially recommended for the home garden and market growing; height 4 feet. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.15, pk. \$2.25, bu. \$7.50.

***Improved Telephone.** An improvement on Carter's Telephone for purity and uniformity of habits, bearing in great abundance large, dark-green pods containing peas of fine flavor; height 4 feet. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.15, pk. \$2.25, bu. \$7.50.

***Duke of Albany.** An excellent cropper, producing handsome pods containing peas of finest flavor; height 3 feet. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.15, pk. \$2.25, bu. \$8.00.

***Boston Unrivalled.** A variety of large merit. Pods are good size and well filled with large peas of excellent flavor; height 4 feet. ½ pt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.15, pk. \$2.25, bu. \$7.50.

***Improved Stratagem.** An improvement on the original Stratagem; pods are very large, filled with peas of the finest quality; height 2 feet. ½ pt. 15c., pt. 25c., qt. 40c., ½ pk. \$1.25, pk. \$2.25, bu. \$8.50.

***Champion of England.** A well-known and popular late variety, of excellent flavor and very productive; height 4 to 5 feet. ½ pt. 10c., pt. 15c., qt. 30c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.50.

***Yorkshire Hero.** A medium late variety of fine flavor; height 2½ feet. ½ pt. 10c., pt. 15c., qt. 30c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.50.

***Everbearing.** Very prolific, pods about 3 inches long, peas large and of good quality; height 2½ feet. ½ pt. 10c., pt. 15c., qt. 30c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.50.

White Marrowfat. Very hardy and prolific, height 4 feet. Qt. 20c., ½ pk. 70c., pk. \$1.15, bu. \$4.00.

Black-Eyed Marrowfat. Largely grown as a field crop, height 4 feet. Qt. 20c., ½ pk. 70c., pk. \$1.15, bu. \$4.00.

White Canada Field. Valuable for sowing with oats for cattle feeding and for green soiling. Pk. 70c., bu. \$2.50.

Mammoth Podded Sugar (Edible Pods). Large, broad pods; cooked as string beans they are sweet and tender; height 4 feet. ½ pt. 15c., pt. 25c., qt. 40c., pk. \$2.50.

Dwarf Gray Sugar (Edible Pods). Height 2 feet. ½ pt. 15c., pt. 25c., qt. 40c., pk. \$2.50.

POTATOES

Special and Standard Early and Late Varieties.

Early White Albino

Vermont Gold Coin

Snow

Green Mountain

Green Mountain, Jr.

New Queen

Norcross

Irish Cobbler

Early Rose

WRITE FOR PRICES

RADISH

The seed should be sown in light, rich, sandy loam. For an early supply, sow in a hot-bed in rows 4 inches apart. Sow in the open ground as soon as the ground can be worked in rows 8 to 12 inches apart, $\frac{1}{2}$ inch deep. If the radish makes rapid growth it will be crisp and tender. Sow every week or ten days for succession.

One ounce for 100 feet of drill.

Non Plus Ultra. The earliest forcing variety, round, red, maturing in about twenty days. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Crimson Giant. An extra early, turnip-shaped variety, growing very large, yet never pithy, always hard and solid; good for forcing and equally as good if grown in the open ground. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 80c.



SCARLET GLOBE RADISH

Early Scarlet White-Tipped. Small, round, red, short tops, crisp and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Scarlet Globe. One of the best varieties for forcing or sowing in the open ground; globe shaped, scarlet color, crisp and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

French Breakfast. Oblong shaped, color scarlet, white tipped, rapid grower, mild and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Scarlet Olive-Shaped. Very early and of good quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

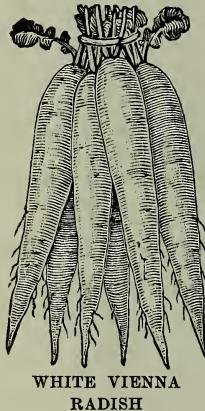
Long Scarlet Short Top. Long and crisp, for frames or open ground. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

White Vienna. Finest white radish. It is long, slender, pure white, roots of excellent quality. Fine for forcing. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Early White Turnip. Flesh pure white and sweet, a fine forcer. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Long Black Spanish. A good winter variety. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

China Rose. One of the best winter sorts, bright rose color, flesh firm, of excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.



WHITE VIENNA RADISH

Salsify

Sow early in the spring in drills 15 inches apart and 1 to 2 inches deep. Cultivate the same as for carrots and parsnips. They can be left in the ground until spring.

One ounce to 50 feet of drill.

Mammoth Sandwich Island. This variety grows to a large size, and is superior in quality to the Long

White. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Long White. An old standard variety. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00

SPINACH

Sow early in the spring in drills one foot apart, covering the seed one inch deep, thinning out as it grows. For a succession sow every two weeks. For winter and early spring use, sow in August; cover with straw on the approach of severe cold weather.

One ounce to 100 feet of drill; ten to twelve pounds to the acre.



VICTORIA SPINACH

Victoria. A variety of dense foliage, leaves thick and of a dark green color, especially valuable for its long-standing qualities; the best for spring sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Long Standing. Smooth, dark green leaves, very slow to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Long Season. A dark green, crumpled variety which withstands the hot weather without shooting to seed for a long time; very desirable for spring planting and of excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Savoy Leaved or Bloomsdale. The leaves are large and fine curled, best variety for fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Prickly or Winter. The hardest variety for fall planting. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

New Zealand. A plant of branching habits which stands drought. Soak the seeds in warm water before planting. Plants should not be closer than 2 feet apart each way. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. 90c.

WRITE FOR SPECIAL PRICES IN QUANTITIES.

SQUASH

Squashes are quite tender and should not be planted until the ground has become thoroughly warm and all danger of frost is past. Plant in light, rich soil, well pulverized. Bush varieties should be planted about 4 feet apart and the running varieties about 8 feet.

Bush varieties, one ounce to 40 hills; running varieties, one ounce to 15 hills, three to four pounds per acre.

Early Summer Crookneck. A desirable table sort, bright yellow and attractive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Giant Summer Crookneck. Large size, nearly double the size of the above. The flesh is thick, yellow and of fine quality. One of the best market varieties. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Yellow Bush Scallop. An early variety, very prolific. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 70c.

SQUASH—Continued

Mammoth White Bush Scallop. Pure white, producing large, thick fruit of fine flavor, early and productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 70c.

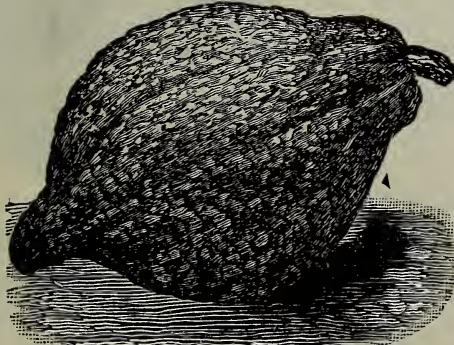
Delicious. Fine grained, sweet and dry, no other squash can equal it in sweetness and richness of flavor. In shape and color it is similar to the Hubbard. Weighs from five to ten pounds. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Prolific Marrow. The earliest of the running varieties, maturing ten days earlier than the Boston Marrow; color a bright orange red; keeps well. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Boston Marrow. A standard fall variety of a bright yellow color, an excellent sort for pies and largely used by canners. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Turban. Orange yellow, fine grained, and of good flavor. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Warren. Has a shell harder than the Essex Hybrid, and the color is of a deeper orange, the quality is superior. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



HUBBARD SQUASH

Hubbard. The standard winter squash, more largely grown than any other late variety, dark green skin and rich flesh, an excellent keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Chicago Warted Hubbard. This variety grows larger than the common Hubbard and is more heavily warted. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Golden Hubbard. Same type as the green Hubbard but of rich orange red color and earlier to mature. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Mammoth Chili. Grows to an enormous size, color orange yellow. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

TOMATO

Sow the seed about the first week in March in a hotbed, greenhouse or in shallow boxes in a window. When the plants are about 3 inches high transplant to cold frames, setting the plants to about 4 inches apart or in pots singly. Transplant to the open ground when all danger of frost is past. Set in rows 4 feet apart each way, using a shovelful of rotted manure in each hill.

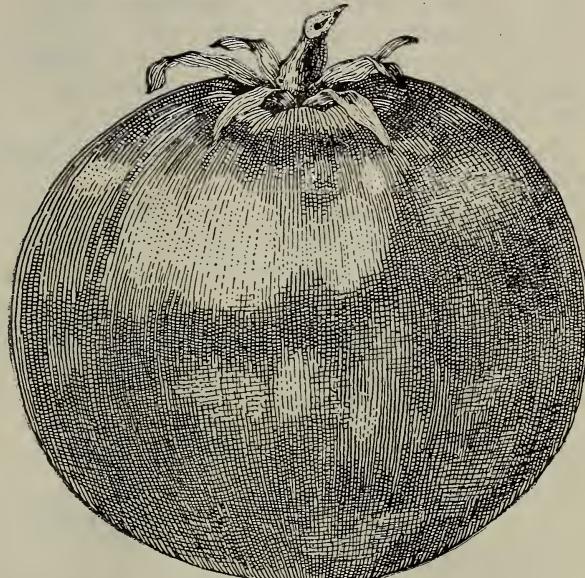
One ounce will produce about 1,500 plants.

Earliana. The best extra early variety. It is the earliest large tomato; color bright red, growing in clusters of medium size, smooth, solid, and of fine

flavor; excellent for the market and home garden. Pkt. 5c., $\frac{1}{2}$ oz. 18c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c.

Chalk's Jewel. Color bright red; flesh thick and solid, good quality. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Bonny Best. Early and prolific; fruit is smooth, round, scarlet of fine flavor. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.



EARLY DETROIT TOMATO

EARLY DETROIT.

Fruit very smooth, uniform in size, nearly globe shaped, firm and of excellent quality, color purplish pink, vinevigorous and productive. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Stone. The most reliable of the main crop, very large, bright scarlet, smooth and solid and very productive, and is a good shipper. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Dwarf Champion. Plant dwarf and compact, medium size, good quality, color purplish pink. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Dwarf Stone. Dwarf and compact growing, plant resembling Dwarf Champion but is of a stronger growth, yielding a large crop of very smooth, solid tomatoes of the finest quality, color bright scarlet. Pkt. 5c., $\frac{1}{2}$ oz. 18c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c.

Beauty (Livingston's). One of the best main crop tomatoes, vine large and vigorous, fruit purplish pink, smooth, large, solid and of excellent flavor. Grows in clusters of 4 to 6, and seldom cracks. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Livingston's Perfection. Dark red, smooth, solid and productive. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Livingston's Globe. Globe shape, smooth, ripens evenly, very solid and productive, color tinged with purple. Pkt. 5c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 70c., $\frac{1}{4}$ lb. \$1.00.

Ponderosa. One of the largest varieties, flesh solid and of fine quality. Pkt. 5c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 70c., $\frac{1}{4}$ lb. \$1.25.

Acme. The fruit is a bright pink color, medium size, smooth and solid. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c.

Red Cherry. Scarlet fruit about the size of a cherry, used for pickling. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c.

Yellow Cherry. Bright yellow, best for preserving. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c.

TURNIP

Turnips do best in rich, light, sandy soil. For early use, sow in the spring as soon as the ground can be worked in drills 1 foot apart. Cover $\frac{1}{2}$ inch deep. Thin plants to 6 inches apart. For a succession sow every two weeks until August. Ruta-Bagas are usually sown broadcast, but larger crops are obtained if the seed is sown in drills 18 inches apart and thinned out to 8 or 10 inches in the rows. Sow from June to the middle of July.

One ounce will sow 150 feet of drill; one or two pounds to an acre.

Early Purple Top Milan. One of the earliest flat turnips; flesh solid and of good quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early White Milan. Extra early; roots of medium size, pure white, sweet and tender. It is a rapid grower and desirable for early use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Purple Top Strap Leaf. A well-known and popular variety for the main crop largely grown for both table and for stock. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

White Top Strap Leaf. Similar to Purple Top except that it is pure white. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Purple Top White Globe. An early variety, of superior quality, globe-shaped, white flesh, tender and sweet, one of the best for table use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White Egg. A pure white egg-shaped variety of rapid growth; flesh firm, sweet and mild. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.



WHITE MILAN
TURNIP



AMERICAN PURPLE TOP
RUTABAGA

Golden Stone. Flesh yellow, firm and fine grained, of fine quality, an excellent keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Golden Ball. Very early, fine quality, and of excellent flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Yellow Aberdeen. A hardy variety and a good keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Ruta-Baga, or Swede Turnip

American Purple Top

Top. Very hardy, productive, and a good keeper; flesh yellow and solid, a fine variety for table use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Carter's Imperial Purple Top.

Very large and productive, smooth, round heads, yellow flesh, and of good quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Skirving's Purple Top.

A standard variety and a good keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Sweet German. Flesh white, hard and sweet, keeps well. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Budlong. An early, white, globe-shaped variety, of mild flavor, an excellent table sort. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

SPECIAL ATTENTION!

Did you read about these Specialties and Novelties? If not be sure to—they have all proven very satisfactory and we can recommend them to our customers.

BEANS—Keeney's Stringless Green Refugee
Sure Crop Stringless Wax

BEET—Detroit Dark Red

CABBAGE—Copenhagen Market
Red Danish Stonehead

CELERY—Paris Golden Self Blanching

CAULIFLOWER—Danish Giant

CORN—Ellis-Crosby (Sweet)
Morse's Golden Cream (Sweet)

CUCUMBER—Klondike

ONION—Danvers Yellow Globe

PEAS—Little Marvel
Daffodil
Carter's Quite Content

TOMATO—Early Detroit

Sweet and Medicinal Herbs

Sow in the spring in shallow drills, one foot apart; when up a few inches thin out to proper distances, or transplant; cut the herbs when in flower, tie them up in small bunches, and hang in the shade to dry.

Anise Annual.	Per oz. 10c., pkt. 5c.
Balm Perennial.	Per oz. 30c., pkt. 5c.
Basil, Sweet Annual.	Per oz. 20c., pkt. 5c.
Caraway Biennial.	Per oz. 10c., pkt. 5c.
Catnip Perennial.	Per oz. 40c., pkt. 5c.
Corianda Annual.	Per oz. 10c., pkt. 5c.
Dill Biennial.	Per oz. 10c., pkt. 5c.
Fennel, Sweet Perennial.	Per oz. 10c., pkt. 5c.
Horehound Perennial.	Per oz. 25c., pkt. 5c.
Hysop Perennial.	Per oz. 25c., pkt. 5c.
Lavender Perennial.	Per oz. 10c., pkt. 5c.
Marjoram, Sweet Annual.	Per oz. 20c., pkt. 5c.
Rue Perennial.	Per oz. 20c., pkt. 5c.
Saffron Annual.	Per oz. 10c., pkt. 5c.
Sage Annual. Per lb. \$1.50.	Per oz. 15c., pkt. 5c.
Summer Savory. Annual.	Per oz. 15c., pkt. 5c.
Thyme Perennial.	Per oz. 40c., pkt. 5c.
Wormwood Perennial.	Per oz. 25c., pkt. 5c.

Vegetable Plants and Roots

Asparagus Roots.	100	1000	Lettuce.	Doz.	100
Colossal, 2 years old	\$1.25	\$9.00	Boston Curled	20c.	\$1.00
Palmetto, 2 years old	1.25	9.00	Black-Seeded Tennisball	20c.	1.00
Cabbage Plants.	April and May delivery		Pepper.		
	Doz.	100			
Early Summer	15c.	\$1.00	Large Bell	20c.	\$1.25
Early Jersey Wakefield	15c.	1.00	Squash	20c.	1.25
Fottler's Brunswick	15c.	1.00			
	June and July delivery		Rhubarb Roots.	Each 15c.,	\$1.50, \$10.00
Stone Mason Drumhead	30c.	\$2.75			
Fottler's Brunswick	30c.	2.75	Tomato Plants.		
American Savoy	30c.	2.75	Pot-Grown.	50c.	\$3.25
Cauliflower.	May and June delivery		Earliana, Chalk's Jewel, Early Detroit,		
Snowball	20c.	\$1.25	Box-Grown.	30c.	\$2.00
Celery.			Earliana, Chalk's Jewel, Early Detroit,		
White Plume	75c.	\$5.50	Perfection, Beauty, Dwarf Stone, Liv-		
Golden Self-Blanching	75c.	5.50	ingston's Stone, Scarlet Globe, Bonny		
Boston Market	75c.	5.50	Best, Red Cherry.		

BEDDING PLANTS

We can supply the following Bedding Plants. Write for prices.

Ageratum,	Cosmos,	Lobelia,
Alyssum,	Canna,	Lantanas,
Begonia,	Daisy,	Lemon Verbena,
Canterbury Bells,	Feverfew,	Marigold,
Carnations,	Heliotrope,	Mignonette,
Castor Oil Bean,	Fuschia,	Petunia—Single and Double,
Centaurea Candidissima,	Ivy—English,	Salvia,
Centaurea Gymnocarpa,	Ivy—German,	Thunbergia,
Cobaea Scandens,	Geraniums—Single and Double	Vinca (Periwinkle).
Coleus,	Varieties, Ivy-Leaved Sorts,	

FLOWER SEEDLINGS

	Per Doz.		Per Doz.
Asters	15c.	Petunia	15c.
Balsam	15c.	Snapdragon	15c.
Pinks	15c.	Stocks	15c.
Pansies	30c.	Verbenas	30c.
Phlox	15c.	Zinnia	15c.

OUR CATALOGUE

Of Dutch Bulbs, Hyacinths, Narcissus, Tulips and other Bulbs will be ready in September, gratis and postpaid, to Customers for Bulbs.

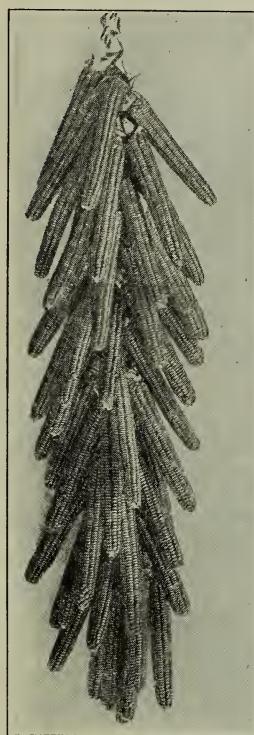
ORDER EARLY TO AVOID DISAPPOINTMENT

FIELD CORN.

Prices of Field Corn Subject to Market Changes.

Prices do not include delivery. Add cost of bags when ordering, as follows: $\frac{1}{2}$ bush., 10 cents; 2 bush., 20 cents. If ordered by mail add 15 cents per quart for postage.

Plant eight to ten quarts per acre in hills, two and one-half to three bushels broadcast, or one-half the quantity in drills.



NORTHERN QUEEN

MOULTON'S "NORTHERN QUEEN" FLINT CORN.

The grower describes the "Northern Queen" as being ten days earlier than any other variety, with the possible exception of the "Small Canada" which will not produce one-fifth the quantity. It grows true to type and has large kernels. The demand for the "Northern Queen" last season far exceeded the supply. Our stock is limited this season. We recommend purchasers to order early.

Qt. 20c., $\frac{1}{2}$ pk. 70c., pk. \$1.25.

MOULTON'S "NORTHERN KING" FLINT CORN.

This corn has held the record of being the best "Flint Corn" grown in Maine. It has won the 1st prize and Sweepstakes every year since 1907. It tests 12.80 per cent. protein. It won the 1st prize as best ensilage corn at the corn show held in Portland in 1911. It cannot be excelled as an ensilage corn. Under favorable conditions it will grow from 12 to 20 tons per acre, growing from 12 to 13 feet high.

Qt. 25c., $\frac{1}{2}$ pk. 80c., pk. \$1.50.

STICKNEY'S PRIZE YELLOW FLINT CORN.

One of the best flint varieties and profitable to grow, as from tests made it shows a high food value. It is also a fine corn for ensilage, as it grows rank, being from 10 to 12 feet high.

Qt. 25c., pk. \$1.00, $\frac{1}{2}$ bu. \$1.75, bu. \$3.00.

Early 8-Rowed Canada Cap Flint Corn.

The earliest yellow variety. Ears medium size. Matures in about 90 days. Seed stock grown in Maine. Qt. 15c., pk. 60c., bu. \$2.25.

Longfellow. Eight-rowed, yellow kernel. Ears long, with small cob. Qt. 15c., pk. 65c., bu. \$2.25.

Eureka. Grows from 12 to 15 feet high. Kernels white, one of the best varieties for ensilage. Qt. 15c., pk. 50c., bu. \$1.75.

Leaming. Large deep grains, very early; stocks

are leafy and makes excellent fodder. Qt. 15c., pk. 50c., bu. \$1.50.

Red Cob Ensilage White corn with red cob; matures late. Qt. 15c., pk. 50c., bu. \$1.50.

Sanford. An early white flint, eight-rowed variety, largely grown for ensilage. Qt. 15c., pk. 60c., bu. \$2.00.

Sweet Fodder. For ensilage; and a green summer food for stock. Qt. 15c., pk. 75c., bu. \$2.00.

GRASS SEEDS.

PRICES OF GRASS SEEDS SUBJECT TO CHANGE.

SPECIAL QUOTATIONS WITH SAMPLES ON APPLICATION.

Creeping Bent. A variety of rapid growth and spreading habit, fine for lawns and putting greens.

Italian Rye Grass. A variety that thrives in almost any soil and yields abundant crops.

Kentucky Blue Grass. An excellent grass for pastures and lawns.

Meadow Foxtail. Valuable for permanent pastures.

Meadow Fescue. An excellent pasture grass.

Orchard Grass. Yields large crops of excellent hay, also valuable for pastures, and also succeeds in shady situations better than most other grasses.

Perennial Rye Grass. Grows rapidly, making a good growth within a month from time of sowing.

Rhode Island Bent Grass. A valuable perennial for lawns.

Sheep's Fescue. A small tufted, hardy grass, thrives on light, dry soils and in shady locations, where other grasses would fail.

Sweet Vernal (Annual). Lasts only one season. Imparts a fragrant odor to grass while being cut.

Sweet Vernal (Perennial). Same as the annual variety, with the exception that it is of a perennial nature.

Tall Meadow Oat Grass. It is recommended for hay and for a soiling crop.

Tall Fescue. A valuable perennial grass. Succeeds best on moist soil.

Timothy. One of the most important of hay grasses, producing a larger hay crop than any other grass when sown on rich loamy or clayey soils. We sell only the purest and best seed obtainable.

Wood Meadow Grass. Of early growth and thriving well under trees where other grasses will not grow.

Alsite Clover. A hardy variety and one of the best for sowing with other clovers or grasses. The blossoms are fragrant and are much liked by bees.

Alfalfa or Lucerne Clover. Valuable as a hay and forage crop.

Crimson Clover. An annual variety growing about one foot high.

White Clover. Largely used in lawn and pasture mixtures.

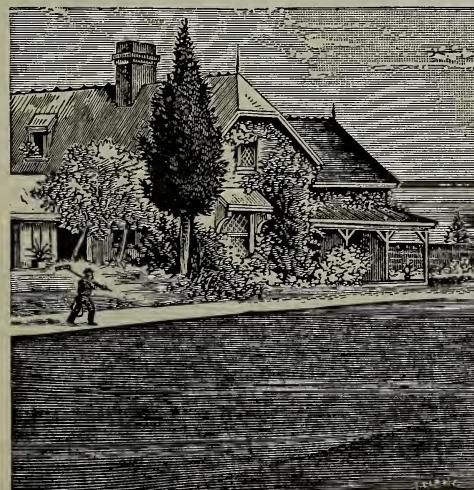
Red Clover. Excellent for pastures and hay. Adds humus to the soil wherever it is sown.

Hungarian. A popular annual used for hay and forage, yielding two or three tons of hay per acre.

Golden Millet. Grown for hay or green fodder.

Japanese or Barnyard Millet. A popular forage plant of excellent quality, growing 6 to 8 feet in height, and yielding 10 to 20 tons per acre.

LAWN GRASS SEED.



A. S. & L. Extra Fine Mixed. A mixture of the finest and purest permanent grass seeds. Lb. 30c., by mail 40c.

A. S. & L. Fine Mixed. This mixture is composed of grasses best adapted to general lawn purposes. Lb. 20c., by mail 30c.

A. S. & L. Golf Links Mixture. Made from a formula that will produce a turf which will withstand rough usage. Lb. 35c., by mail 45c.

A. S. & L. Putting Green Mixture. The varieties in this mixture are the finest, low growing, and most hardy kinds. Lb. 35c., by mail 45c.

Washington Oats. A fine, heavy oat, originating in New York. One of the best and most reliable of spring oats. It is an open-headed or tree type of oats, thin hulls making them especially valuable as a feeding oat. They are less liable to rust than most any other sort. Weight, 36 to 40 lbs. measured bushel. Per lb. 25c., 3 lbs. 70c., by mail, postage prepaid. Per pk. 50c., bush. (32 lbs.), \$1.50, 3 bush. (96 lbs.), \$3.75, by freight or express.

Canadian Cluster Oats. This variety makes a strong growth of straw. The heads are large and bushy, yielding large crops of oats of fine quality. Per lb. 25c., 3 lbs. 70c., by mail, postage prepaid. Per pk. 50c., bush. (32 lbs.), \$1.50, 3 bush. (96 lbs.), \$3.75, by freight or express.

Barley, Chevalier. A two-rowed variety. A heavy yielding variety. The grain is large and plump. Write for prices.

Spring Wheat (Fife). A red, beardless variety, hardy and productive. Write for prices.

Spring Rye. An excellent crop for fodder or grain. Write for prices.

Winter Rye. The ordinary variety for fall sowing. Write for prices.

Buckwheat (Japanese). The best and most profitable variety. It is earlier and more productive than the Silver Hull. Per bushel \$1.50.

Buckwheat (Silver Hull). A very good variety. Grain is light gray in color. Per bushel \$1.50.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

	Lbs. per bush.	Lbs. per bush.
Barley, broadcast	48	2 to 3 bush.
Beans, Dwarf, in drills	60	1½ bush.
Beans, Pole, in hills	60	10 to 12 qts.
Beets, Table, in drills		6 lbs.
Beets, Mangel-Wurzel		5 lbs.
Buckwheat	48	1 bush.
Cabbage, in beds to transplant		¼ lb.
Carrot, in drills		3 to 4 lbs.
Clover, Red	60	15 to 20 lbs.
Clover, White	60	12 to 15 lbs.
Clover, Alsike	60	10 lbs.
Clover, Lucerne or Alfalfa	60	30 lbs
Corn, in hills		10 qts.
Corn, for fodder		3 bush.
Cucumber, in hills		2 lbs.
Grass, Kentucky Blue	14	3 bush.
Grass, Orchard	14	3 bush.
Grass, Red Top (Recleaned)	40	6 lbs.
Grass, Timothy	45	½ bush.
Grass, Hungarian	48	1 bush.
Grass, Lawn	25	3 bush.
Melon, Musk, in hills		2 to 3 lbs.
Melon, Water, in hills		4 to 5 lbs.

QUANTITY OF SEEDS REQUIRED FOR A GIVEN NUMBER OF HILLS OR LENGTH OF DRILL

Asparagus	1 ounce	60 feet of drill	Onion Sets	1 quart	40 feet of drill
Beet	1 "	50 "	Parsley	1 ounce	150 "
Beans, Dwarf	1 quart	100 "	Pumpkin	1 "	40 hills
Beans, Pole	1 "	150 hills	Dandelion	1 "	100 feet of drill
Carrot	1 ounce	100 feet of drill	Parsnip	1 "	200 "
Cucumber	1 "	50 hills	Peas	1 quart	100 "
Corn	1 quart	200 "	Radish	1 ounce	100 "
Melon, Water	1 ounce	30 "	Spinach	1 "	100 "
Melon, Musk	1 "	60 "	Squash, Early	1 "	50 hills
Onion	1 "	100 feet of drill	Squash, Late	1 "	15 "

PRICE IS SECONDARY TO QUALITY

Dwarf Essex Rape. A forage plant of great value, furnishing rich pasture for sheep, hogs or cattle within six weeks from the time of sowing. It also makes splendid green feed for poultry. It is sown broadcast at the rate of 6 to 8 lbs. to the acre, but will yield much better when sown in drills at the rate of 3 to 5 lbs. per acre. Per lb. 10c., by mail 18c.; per 100 lbs. \$8.00.

Soja Bean. Valuable as a forage crop or green manure. Also as a green fodder and silo plant. Early Hollybrook.—One of the best varieties for planting in Maine. Ripens early and produces a large crop of both vines and pods. Qt. 15c., pk. \$1.15, bu. \$4.00.

Velvet Beans. Used in the South as a forage plant, also an excellent fertilizing plant for plowing under. Qt. 25c., pk. \$1.50, bu. \$5.00.

Southern Cow Peas. One of the largest yielding forage crops grown. New Era.—An early maturing variety. Qt. 20c., pk. \$1.15, bu. \$4.00.

Spring Vetches, or Tares. Valuable for soiling, also grown with oats for feeding to stock. Lb. 8c.; per 100 lbs. \$6.50.

Winter Vetches, or Tares. Very hardy, recommended for fall sowing with rye. Lb. 16c.; per 100 lbs. \$12.00.

Kaffir Corn. Makes a large growth of forage. The grain makes an excellent feed for poultry. Lb. 12c.; per 100 lbs. \$7.00.

A DESCRIPTIVE LIST
... OF ...

. . . CHOICE FLOWER SEEDS . . .

WITH GENERAL DIRECTIONS FOR CULTIVATION.

A rich, sandy loam is the best for most flowering plants. The soil of a good garden should be deep, well pulverized, and if fertilizers are used they should be thoroughly mixed with the soil.

It is best in practically all instances except hardy annuals to start the seed in boxes, preferably a box about 18 x 24 inches and 4 inches deep, using very sandy soil with leaf-mold that will not bake, and provide for drainage by boring some holes in the bottom of the box. It is best not to put any fertilizer in the seed-box, since it is only necessary to bring the plants to the third or fourth leaf, when they should be pricked out and reset in another box, in which the soil should be loam mixed with leaf-mold. It is important that the plant be of good size, strong and sturdy, when finally transplanted in the garden.

If the seed be sown directly in the garden, it should be sown in the spring after the soil is well worked and fertilized. A slight depression should be made with a stick, the seed sown, and then covered about twice the depth of the diameter of the seed.

When up, the plants must be thinned from two to twelve inches, depending on the variety, otherwise they will be weak and spindling. It is a common mistake in the garden to leave plants altogether too thick. Always keep the weeds out.

A common mistake in sowing flower, as well as other seeds, is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds; or, with medium-sized seeds, like Balsams, Zinnias, etc., half an inch or less is the proper depth. Such fine seeds as Potrulacas, Nicotina, etc., need only to be pressed into the soil with a piece of board or palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow; but, as a rule, it is preferable to transplant, as the plants are generally stronger and stand the drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such annuals as require it.

The weeds should be kept down and the ground loosened often, so that the plants will receive the full benefit of the rains and dews, which they will not if the ground is allowed to become hard and baked.

Per Pkt. Per Pkt.

ABUTILON (Flowering Maple). Free-flowering, perennial shrubs of strong growth and easy cultivation; drooping, bell-shaped flowers of various colors.	.10	AMARANTHUS. Hardy annuals, grown especially for their brilliant foliage.	.05
ACONITUM (Monk's Head). Hardy perennial growing in any good garden soil, blue and white flowers. Thrives best when planted among shrubbery or in shady situations, 4 feet.		Tricolor. (Joseph's Coat). The plant is three feet high, with brilliant leaves in variegated, red, yellow, green, etc.	.05
ACROCLINIUM. A half-hardy annual, bearing white and rose-colored flowers which are used when dried for winter bouquets. 1½ feet. Rose and white, mixed.	.05	AMBROSIA Mexicana. Sweet-scented annual, useful in bouquets. 1 to 1½ feet.	.05
ADONIS. A hardy annual of easy culture, with pretty foliage, dark crimson flowers. 1 ft.	.05	AMMOBIUM alatum grandiflorum. A hardy annual, with white everlasting flowers; useful as bouquets and as dried flowers.	.05
AGERATUM. A beautiful, hardy annual. The flowers which are produced in clusters are very attractive in the garden, and are very useful for bouquets.	.05	AMPELOPSIS VEITCHII (Boston Ivy). The best hardy vine for covering brick or stone buildings, etc. Foliage turning to scarlet in the autumn.	.05
ALYSSUM. A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders and for cutting.		ANTIRRHINIUM (Snap Dragon). A half-hardy perennial, growing from 1½ to 3 feet tall. Blooming profusely the first season from seed.	.05
Sweet. Flowers small and sweet.	.05	TALL VARIETIES.	
Little Blue Star. Bright blue flowers. 6 in.	.10	Pink......	.05
Mexicanum. Blue. 1½ feet.	.05	Scarlet......	.05
Tom Thumb. Very dwarf, blue.	.05	White......	.05
Dwarf Bouquet. Pure white. 4 in.	.05	Yellow......	.05
Saxatile compactum. Perennial, ten inches high, compact habit, yellow flowers.	.05	Mixed. All colors.....	.05
		DWARF VARIETIES.	
		Fine Mixed. 12 inches.....	.05
		ASPERULA ODORATA. An old-fashioned favorite, grown for its fragrant leaves and stems, which, when dried, have an odor not unlike new-mown hay. The flowers are pure white, hardy perennial. 1 ft.	.05
		ASPARAGUS PLUMOSUS NANUS. A tender perennial for greenhouse or potted plant use, with long, fine, feathery foliage.	.10

ASTERS

A popular half-hardy annual produced in a great variety of classes and an almost endless number of colors. The tallest varieties grow about two feet high and some varieties of dwarfs are not six inches high. The best method of culture is to sow the seed in boxes in March or April. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves transplant about 15 inches apart each way. The seed can be sown in rows, where the plants are to remain, thinning them from six to twelve inches apart, according to variety. One of the best annuals for cut flowers.



BRANCHING ASTER

Per Pkt.

BRANCHING, PALE YELLOW (New).

A distinct, delicate yellow. The flowers are very double and are produced in great abundance.

.25

Imperial Daybreak. Flowers very large and double; color a shell pink. The plant flowers very early, and is a continuous free bloomer. Height fifteen to twenty inches... .10

Imperial Purity. Similar to Daybreak in form and habit of growth; the blooms are pure white. .10

Imperial Lavender. The form of the flower, the habit of the plant, and the time of blooming are identical with Daybreak, but the color is a delicate lavender. .10

Crego. One of the finest varieties of asters, flowers very large, often 5 inches across, with long stout stems. Keep longer in good

condition when cut than any other variety. Bloom August and September.

	Per Pkt.
White.....	.10
Shell Pink.....	.10
Rose Pink.....	.10
Lavender.....	.10
All Colors Mixed.....	.10

Vick's Violet King. In form the flower petals somewhat resemble the quilled varieties, but are much larger and broader. The bloom is round, full, and very large, many of the flowers measuring from four to five inches in diameter. Its color is a soft violet-lilac..... .10.

Vick's Rose King. Identical with Violet King in form of flower and habit of plant, and produces flowers with equal freedom; the only difference is in the color..... .15

Vick's Mikado White. } The leading mid-season
Vick's Mikado Pink. } Comet Asters.
Vick's Mikado Rose. } .15

Vick's Cardinal. This variety is particularly adapted for bedding, owing to its free blooming qualities and brilliant coloring..... .15

Vick's Royal Purple. A variety of dwarf growth, flowers large; color a rich shade of purple. .10

Truffaut's Peony-Flowered Perfection. This variety has brilliant and showy assortment of colors. Flowers, medium size. Plant about eighteen inches high.

White.....	.10
Light Blue.....	.10
Rose.....	.10
Mixed.....	.10

Semple's Branching. The plant grows 18 inches high, the blossoms, which are large and full-petaled, are borne on long stems or branches; flowers late in the autumn.

White.....	.10
Pink.....	.10
Lavender.....	.10
Mixed.....	.10

Giant Comet. A fine variety, with large blossoms.

White.....	.10
Fine Mixed.....	.10

Queen of the Market. One of the earliest blooming varieties. The plants are about 1 foot high, bearing from ten to fifteen finely formed flowers on long and graceful stems.

Fine Mixed.....	.10
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Dwarf Chrysanthemum Flowered.

Finest Mixed.....	.10
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Ball or Jewel. A dwarf fall-flowering variety; flowers quite round.

Fine Mixed.....	.10
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Quilled German. A showy class, from one and a half to two feet high, with quilled flowers and branching habit.

Mixed Colors.....	.05
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Cocardeau, or Crown. A variety producing very showy and bright colored flowers with white centers; 1½ feet.

Finest Mixed.....	.10
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Mixed Asters. Tall varieties, mixed..... .05



BACHELOR'S BUTTON

Per Pkt.

BACHELOR'S BUTTON. Hardy annual of easy culture, one of the most attractive of all the old-fashioned flowers. Sow the seed where it is to remain and thin to six inches.

Emperor William.	Fine dark blue.....	.05
Rose.....	.....	.05
Pink.....	.....	.05
Finest Mixed.....	.....	.05



BALSAM

BALSAM. A favorite garden flower, producing masses of beautiful brilliant-colored double flowers of easy culture; succeeds in a good rich soil; set the plants one foot apart; tender annuals; 2 feet.

Camelia Flowered.	Mixed.....	.05
Rose Flowered.	Fine mixture .....	.05
Double.	Finest mixed.....	.05

BARTONIA AUREA. A free-blooming, showy plant with large golden-yellow flowers; 18 inches.....05

BEANS, Flowering. Popular ornamental climbers, 6 to 8 feet.

Butterfly Runner.....	.10
Scarlet Runner.....	.05
White Runner.....	.05

BEGONIA SEMPERFLORENS. Seeds sown in February and March give fine plants for bedding out in June.

Choicest Mixed..... .25

	Per Pkt.
BEGONIA, Tuberous Rooted Varieties. Very popular and showy plants for summer decoration or window gardening. Sow the seed indoors in February or March.	
Single Choice Mixed.....	.15
Double Choice Mixed.....	.25



ABELANO

BELLIS PERENNIS

BELLIS PERENNIS (Double Daisy). Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Set about six inches apart in a cool border. Perennial.

Longfellow.	Large, rose-colored flowers....	.10
Snowball.	Large, double, pure white, with long stiff stems.....	.10
Finest Mixed.....	.....	.10

BRACHYCOME (Swan River Daisy). A free-flowering plant of dwarf, compact growth, effective as edgings or in beds. Half-hardy annual. 1 foot.	
Iberifolia Blue.....	.10



BROWALLIA

BROWALLIA. Very handsome, free-flowering plants. 1½ ft.	
Elate. Blue.....	.05
Alba. White.....	.05
Mixed.....	.05

CALENDULA. Profuse blooming, dwarf annuals; of easy culture and flowering until frost.	
Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow.....	.05
Prince of Orange. Fine orange. Double... Mixed Varieties.....	.05
Carter's Victoria Prize. Mixed, all colors.	.15

CALCEOARIA. A tender perennial, used largely in greenhouses and conservatories.	
Carter's Victoria Prize. Mixed, all colors.	.15

Per Pkt.

CALLIOPSIS (or Coreopsis). A hardy annual, growing about two feet high, and valuable for bright bedding effects or for cutting. Blooms from June until September.	
Drummondii. Yellow, with maroon center.	.05
Negra Speciosa. Dark maroon.....	.05
Mixed. Fine varieties.....	.05



CALENDULA

CANTERBURY BELL. Hardy biennials of rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted two feet apart and given some protection in severe winter weather; large bell-shaped flowers which are very effective. Height, two to four feet.

Single Blue.....	.05
Single White.....	.05
Single Rose.....	.05
Single, Fine Mixed.....	.05
Double, Fine Mixed.....	.05



CANTERBURY BELL

CANARY BIRD VINE. Half-hardy climbing annual, bearing an abundance of bright yellow, fringed flowers..... .05

CANDYTUFT. A hardy annual of easy culture and valuable for bedding or massing

Giant Hyacinth Flowered. Very large heads and long spikes of white flowers. 1 foot..... .05

Empress. Pure white pyramidal; fine for forcing..... .05

Crimson. 1 foot..... .05

Purple. 1 foot..... .05

Rose. 1 foot..... .05

White. 1 foot..... .05

Finest Mixed. 1 foot..... .05

Little Prince. Dwarf, white. 6 inches..... .10

Per Pkt.

CANNA. The Canna will bloom from seed the first year if the seed is sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

Crozy's Varieties. Mixed. New large-flowered and free-blooming sorts..... .10

CATCHFLY. Free-blooming, hardy plants of easiest cultivation, useful for beds and borders. 6 inches.

Mixed Colors..... .05

CENTAURIA.

Candidissima (Dusty Miller). 1 foot. For borders or edgings..... .10

Gymnacarpa. Taller than the above..... .10

CHRYSANTHEMUM (Annual). Summer blooming annuals, growing 12 to 18 inches high, very effective for beds or cut blooms.

Single Mixed..... .05

Double Mixed..... .05

CINERARIA. Magnificent flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades.

Carter's Brilliant Prize. Large flowering, choicest mixed..... .25

CLARKIA. Beautiful, hardy annuals with rose colored, white and purple flowers, in very brilliant shades. About one and one-half to two feet high and profuse bloomers.

Single Mixed..... .05

Double Mixed..... .05

COBAEA. A rapid-growing climber, with handsome foliage and large bell-shaped flowers. Half-hardy perennial.

Scandens. Purple..... .10

COCKSCOMB. Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants.

Finest Dwarf Mixed..... .10

Thompsonii Magnifica. Crimson..... .10

COLEUS. A tender perennial, growing about 10 to 18 inches high, and grown for its beautiful, bright-colored, velvety leaves.

Mixed Hybrids. Finest mixed varieties..... .25

New Large Leaved. Finest mixed..... .25

COLUMBINE. Well-known hardy perennials, bearing in great profusion, through May and June, exquisite flowers greatly varied in coloring, of easy culture, thriving best in dry soil, and growing well in partial shade. 1 to 3 feet.

Single, Mixed Colors..... .05

Double, Mixed Colors..... .05

CONVOLVULUS major (Morning Glory). A handsome, showy climber of easy culture and suitable for covering windows, trellises, etc. The flowers are most brilliant in the morning and run through many shades from white to dark blue, red and striped. Hardy annual; ten feet high.

Finest Mixed..... .05

Imperial Japanese. Handsome flowers of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, and striped. .05

Per Pkt.

CONVOLVULUS minor (Dwarf or Bush Varieties). Plants grow ten to twelve inches high, and are hardy annuals.....	.05
COSMOS. A very effective flowering plant, quite hardy and rapid growing, forming bush-like plants 4 to 6 feet high and covered with large, single dahlia-like flowers. Start in March and transplant to open ground about June first.	
Early Flowering, Mixed......	.10
Lady Lenox. Color shell pink; when cut and placed in water it lasts a long time. Plants strong and vigorous, growing six to seven feet high.....	.05
CYCLAMEN. A tender perennial for green-houses and window gardens. Easily grown from seed. Sow in August or September.	
Persicum Giganteum. Large flowers, choice mixed.....	.50
CYPRESS VINE. A summer climbing annual with fine, feathery foliage and pretty star-shaped flowers.....	.05
DAHLIA. A popular late summer and autumn flowering plant. Is grown from seed or propagated from the bulbous roots. The seed may be planted early in the hot-bed and the plants set out in May after all danger of frost is over. By sowing the seed early the plants may be made to bloom the first year.	
Double Mixed......	.10
Single Mixed......	.10
DATURA. Large, strong-growing plants, with large, trumpet-shaped flowers. Three feet.	
Finest Mixed......	.05
DELPHINIUM. Hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.	
Formosum. Deep blue.....	.05
Double Hybrids, Finest Mixed......	.10
DIANTHUS, or Pinks. Hardy biennials that bloom the first season, remaining green all winter and blooming the next year also if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted. Average height, 1 foot.	
Chinese Double Mixed. A mixture of brilliant coloring and marking.....	.05



HEDDEWIGI PINK

Per Pkt.

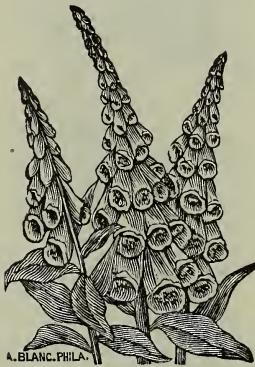
Heddewigi. Very large-flowering, double, choicest mixed, extra fine strain.....	.05
Heddewigi, Fireball. New, extra double, brilliant dark scarlet, very beautiful.....	.10
Double Clove. A hardy perennial pink, very fragrant, choice colors.....	.10
Marguerite, Giant Mixed. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom until checked by frost.....	.10
Marguerite. Dark red.....	.10
Marguerite. White.....	.10
Carter's Choice Double Mixed Carnation. Beautiful variety, producing very double flowers of various shades and colors. Seed saved from choicest double flowers.....	.25
DRACAENA. Ornamental plants for vases, baskets and house decorations.	
Indivisa. Narrow green leaves.....	.10
Veitchi. Variegated foliage, brilliant colors..	.15
	
ESCHSCHOLTZIA	
ESCHSCHOLTZIA. (California Poppy). The foliage is finely cut and has a blush tinge, delicate and very attractive. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds can be sown where the plants are to bloom. Hardy annual; height one foot.	
Californica. Deep yellow, orange center.....	.05
Orange......	.05
White......	.05
Carmine King. Carmine-rose.....	.10
Mixed......	.05
FEVERFEW. Free-flowering annuals for bed, borders and pot culture.	
Double White......	.05
Golden Feather. Very popular for edgings; one foot.....	.05
FORGET-ME-NOT. A hardy perennial, growing 6 to 12 inches high. Small star-like flowers are borne in clusters on long stems. The plant is of easy culture and blooms the first year if seed is sown early.	
Indigo Blue. Large dark blue flowers.....	.05
Victoria. Large flowers; bright azure blue; dwarf habit; fine for borders.....	.10
Fine Mixed......	.05



FORGET-ME-NOT

Per Pkt.

FOXGLOVE. The Foxgloves are highly ornamental plants. They are fine for the mixed border, or planted singly in half-shady places near a walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily-spotted, thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden, and transplant as desired. Perennial. Mixed varieties..... .05



FOXGLOVE

FRENCH HONEYSUCKLE (Hedysarum). Very handsome, free-flowering plants, producing racemes of beautiful pea-shaped flowers; well adapted for borders or rock work. Hardy perennial; four feet high.

Scarlet..... .05
Album. White..... .05

GAILLARDIA. Very showy plants, with brilliant flowers blooming the first year. Hardy annuals and perennials, one to one and one-half feet high.

Double Mixed. Annual..... .05
Perennial. Finest mixed..... .05

GLOBE AMARANTH. Globe-shaped, everlasting flowers. If cut when well matured, will retain their beauty through the winter. Tender annual; 12 to 18 inches high.

Fine Mixed..... .05

GLOXINIA. Greenhouse perennial plants, producing soft, velvety green leaves and rich, beautifully colored flowers.

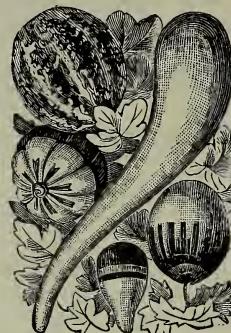
Carter's Invincible Prize. Superb mixture... .25

GODETIA. Beautiful garden plants, having large delicately shaded blossoms. easily culti-

Per Pkt.

vated in garden soil. Hardy annual; about one foot high.

Finest Mixed..... .05



GOURDS

GOURDS. Ornamental, rapid growing, trailing annuals, with curiously-shaped yellow fruit. Cultivate the same as melons or squashes; 10 to 20 feet.

Dipper or Calabash..... .05
Hercules' Club. Club-shaped; 4 feet long... .05
Egg-shaped. Fruit white like an egg..... .05
Orange-shaped (Mock Orange)..... .05
Bottle-shaped..... .05
Pear-shaped. Striped; very showy..... .05
Luffa (Dish-cloth or Bonnet Gourd)..... .05
Sugar Trough..... .05
Mixed Varieties..... .05

GRASSES (Ornamental). Ornamental grasses serve the double purpose of rendering the mixed flower bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect.

Avena Sterilis (Animated Oats). Drooping, very graceful. Annual. 2 feet..... .05

Briza Maxima (Quaking Grass). Very pretty. Annual. one and one-half feet..... .05

Coix Lacryma (Job's Tears). Grows two feet high..... .05

Eulalia Japonica. One of the most beautiful of the tall-growing grasses; 5 feet..... .10

Gynerium Argenteum (Pampas Grass). The finest ornamental grass in cultivation. Half-hardy perennial. 10 feet..... .10

Hordeum Jubatum (Squirrel Tail Grass). Annual..... .05

Stipa Pennata (Feather Grass). One of the prettiest and most interesting. Perennial; two feet..... .05

GREVILLEA ROBUSTA. A graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed..... .10

GYPSOPHILIA. Free-flowering, elegant plants, succeeding in any garden soil.

Elegans. A hardy annual, large white flowers..... .05

Paniculata (Baby's Breath). Fine for bouquets; white flowers; perennial..... .05

	Per Pkt.
HELICHRYSUM. The well-known Everlasting Flower, and is everywhere prized for winter decoration. Hardy annual.....	.05
Helichrysum Monstrosum fl. pl. (Everlasting). Finest mixture.....	.05



HELICHRYSUM

HELIOTROPE. This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.

Queen Marguerite. Bears immense clusters of large, deep dark blue flowers. Very fragrant.....	.10
Dark Varieties. Mixed.....	.10



HELIOTROPE

HOLLYHOCK. A hardy perennial of upright, stately growth, five to eight feet high. The very double varieties are the most desirable. For a background to a flower garden nothing is better.

Chater's Choice Double Crimson......	.10
Chater's Choice Double Pink......	.10
Chater's Choice Double Yellow......	.10
Chater's Choice Double White......	.10
Chater's Choice Double Mixed......	.10
Single, Finest Mixed......	.10

HONESTY (Satin Flower). The flat silvery seed pods are used for winter decoration. Very handsome, free-flowering. Hardy biennial; two feet.....

.05

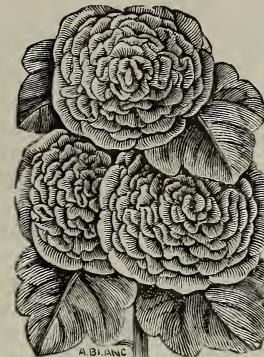
HUMULUS JAPONICUS (Japanese Hop). Fast-growing annual climber; 12 feet.....

.05

HYACINTH BEAN. Tender, climbing annual. Grows rapidly and is valuable for covering a trellis. The flowers are borne in great

profusion. The shining purple seed pods are very ornamental. Tender annual, growing six to eight feet.

	Per Pkt.
Finest Mixed......	.05



HOLLYHOCK

ICE PLANT (Mesembryanthemum Crystallinum). A pretty, half-hardy annual, with delicate, succulent, almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage.....

.05

JACOBAEA (Senecio). A showy, free-flowering hardy annual. It produces in great profusion branching spikes of bright Cineraria-like double flowers one and one-half inches in diameter. Excellent for bouquets. Mixed colors.....

.05

KOCHIA TRICOPHYLLA (Summer Cypress). A splendid ornamental annual plant, forming dense oval bushes two to two and one-half feet high, of small, feathery, light green foliage. As summer advances, this changes to a carmine hue and finally to a fiery red. A very attractive plant.....

.10

LANTANA. Very rapid growing, free-flowering plants that bloom through the latter part of summer and autumn. The plants form small shrubs, producing in abundance clusters of single, fragrant flowers that continually change color.

.05

Finest French Hybrids Mixed.05
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LARKSPUR. Very ornamental plants, producing in great variety of form and colors, some of the most beautiful flowers in cultivation.

.05

Double Dwarf Rocket. One foot in height. Mixed colors.....

.05

Stock-Flowered. Double, branching; fine for cutting; 2 feet. Mixed colors.....

.05

LAVENDER. Chiefly cultivated for the delicious and lasting fragrance of its flowers; succeeds in any common garden soil. Perennial.....

.05

LINARIA. Cymbalaria (Kenilworth Ivy). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases and rock work.....

.10

LINUM. Grandiflorum Rubrum (Scarlet Flax). A beautiful and effective plant of slender and delicate growth, having a profusion of bright flowers. Hardy annual; about one and one-half feet high.....

.05

Per Pkt.

LOBELIA. The dwarf varieties are very useful for edging, and the trailing varieties for hanging-baskets and window-boxes.

Erinus gracilis. Blue, trailing..... .10

Erinus alba. White flowers..... .10

Crystal Palace compacta. 6 inches. Dark blue bedding variety..... .10



LOPHOSPERMUM

LOPHOSPERMUM SCANDENS. An ornamental annual climber, growing ten to twelve feet long, with showy purplish-rose blossoms resembling Foxgloves..... .10

LOVE-IN-A-MIST. A hardy annual, one foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture.

Mixed. Blue and white shades..... .05

LOVE LIES BLEEDING. Light yellowish-green foliage; long, drooping, crimson flower spikes. Plant three to four feet high. Hardy annual..... .05



LUPINS

LUPINS. Annual. Showy plants, with long spikes of bright-colored flowers. Used extensively for bedding and for cutting; height 2 feet.

Pink Beauty. Tall spikes of an exquisite shell pink color..... .05

Blue...... .05

Pink...... .05

White...... .05

Yellow...... .05

Mixed, All Colors...... .05

MALOPE. Free-blooming, hardy annuals suitable for mixed borders and fine for cutting; height 3 feet.

Grandiflora Mixed...... .05

MARIGOLD (Tagetes). A hardy annual plant, in dwarf and tall varieties, growing from six inches to two feet high; foliage bright green, deeply cut and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. Seeds can be sown in a cold frame or in a seed-bed in the open border, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun,

AFRICAN VARIETIES

Orange Quilled. A double variety with quilled petals; flowers showy, bloom very early..... .05

Lemon Queen. Large lemon-colored flowers..... .05

Finest Mixed...... .05

FRENCH VARIETIES

Tall Double Mixed...... .05

Dwarf Double Mixed...... .05

Butterfly. Double variety, brilliantly marked and striped. 1½ ft..... .10

Legion of Honor. A single, dwarf variety, desirable for borders; rich golden yellow flowers with garnet blotches in center of each petal..... .05

MARVEL OF PERU. The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart; makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired.

Mixed Colors...... .05

MAURANDIA. Graceful climber for greenhouse, basket or outdoor purposes. The vines are covered with rich purple, white or rose-colored foxglove-shaped blossoms. Tender perennial, blooming the first season; usually about six feet high.

Fine Mixed...... .10

MIGNONETTE (Reseda). A hardy annual, growing six to twelve inches high and bearing pyramidal-shaped flower spikes, which are exceedingly fragrant. Grows easily from boxes or sown out in the garden and thinned to four or six inches. Valuable for potting, or for bedding, or for border.

Sweet Scented...... .05

Carter's Perfection. A giant, red-flowered variety, richly scented..... .10

Defiance. Immense spikes twelve to fifteen inches long, very fragrant..... .10

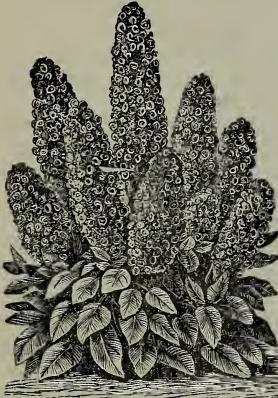
White Pearl. Long spikes of fragrant white flowers..... .10

Parson's White. Nearly white; strongly scented..... .05

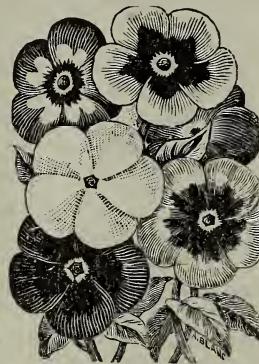
MIMULUS (Monkey Flower). Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.

Mixed Spotted Varieties...... .10

	Per Pkt.
MOURNING BRIDE (<i>Scabiosa</i>). A very showy free-flowering plant, producing a great profusion of beautiful and richly-colored flowers. Beautiful in the garden and excellent for bouquets. Twelve to eighteen inches high. Annual.	
The Fairy. Fine Azure-blue.....	.05
Snowball. White.....	.05
Cherry.....	.05
Rose.....	.05
Black-Purple.....	.05
Finest Mixed.....	.05



MIGNONETTE



PHLOX DRUMMONDII

MUSK PLANT. Fragrant p'ant, with small yellow blossoms, spotted lightly with brown...	.10
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	Per Pkt.
Sanderae. Flowers handsome carmine-red, very fragrant; hardy annual, easily grown...	.10
NIEREMBERGIA GRACILIS. Tender Perennial. Suitable for house culture, or may be treated as a tender annual. Fine for baskets, vases, etc. Light blue saucer-shaped flowers.....	.05
OENOTHERA (<i>Evening Primrose</i>). Fine free-flowering plants, best for backgrounds or shrubbery border. They are of easiest culture, succeeding in almost any kind of soil, but should have a sunny position.	
Annual Sorts. Mixed.....	.05
OXALIS. Beautiful small plants, suitable for the greenhouse, rock work or outdoor culture; flowering the first year; half-hardy perennials; 9 inches	
White and Pink Mixed.....	.10
PASSION FLOWER (<i>Passiflora</i>). A half-hardy perennial climber; grows luxuriantly either from cuttings or seed. A very satisfactory climber for immense growth, as it will cover a porch or small cottage in one summer.	
Fine Mixed.....	.10
PETUNIA. Free-flowering and easily cultivated; well-known favorites. They thrive in almost any soil and produce a brilliant array of color throughout the season. The seed will germinate with little difficulty if a reasonable amount of care is used in sowing. Be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with fine soil.	



DWARF, LARGE-FLOWERING FRINGED PETUNIA

NEMOPHILA. A hardy annual, growing about six inches high. Has small, cup-shaped blossoms in white and shades of blue.	
Mixed.....	.05

NICOTIANA. Showy plants with slender, tall, flowering stems and fragrant flowers. Half-hardy annuals; about three feet high.	
Affinis. White and very fragrant.....	.05

Mixed Hybrids.....	All colors.....
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Dwarf Large Flowering, Fringed (new). The plants grow only about eight inches high, branching freely from the base, but remain quite compact, producing large, fringed flowers in all colors common to Petunias. This new variety will be of great value for pot growing, also for planting in flower beds and borders.....	.50
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Per Pkt.

PETUNIA—Continued

Large-Flowered Single, Fringed. Choice mixed.....	.25
Large-Flowered Double, Fringed. Choice mixed.....	.25

Giants of California. Nearly all the flowers are ruffled or fringed, and measure from 4 to 5 inches across. The great variety of colors, blotchings, stripings and veinings make beautiful combinations..... .25

Pure White.....	.10
Choice Mixed. Striped and blotched.....	.10
Fine Mixed. All colors.....	.05

PHLOX DRUMMONDII. A hardy annual, bearing beautiful and brilliantly colored flowers. For brilliant effect and continuous blooming in the flower garden the Phlox cannot be surpassed. Excellent for masses of separate colors or for bouquets. One foot high.

Alba pura. Pure White.....	.05
Alba Occulata. Dark purple, white eye.....	.05
Brilliant. Bright scarlet.....	.05
Finest Mixed. Best large-flowered varieties.....	.05
Finest Mixed Dwarf......	.10
Decussata (Perennial). Finest mixed.....	.10



NASTURTIUM

NASTURTIUM

A popular flower which is in constant bloom throughout the season, making a better display than almost any other plant. New colors are being developed, and in our list will be found all the best varieties that have been introduced.

Nasturtiums are of the easiest culture and require very little care after the seed is sown, merely weeding and the seed-balls picked off. If these are permitted to mature, the beauty of the plant is soon lost. Plant the seed one inch deep in moderately good soil. The tall sorts are specially adapted for covering unsightly fences or trailing over rocks and rough ground. Hardy annual.

DWARF VARIETIES

Of dwarf, compact growth bloom in two months from sowing, and most profusely the whole season. One foot high.

	Pkt.	Oz.	1/4 lb.
Aurora. Light reddish-orange, veined with carmine.....	.05	.15	.40
Beauty. Scarlet and yellow.....	.05	.15	.40
Chameleon. Mottled crimson, bronze and yellow.....	.05	.15	.40
Crimson.....	.05	.15	.40
Crystal Palace Gem. Sulphur-yellow, spotted with carmine.....	.05	.15	.40
Empress of India. A splendid variety, with dark leaves and crimson flowers.....	.05	.15	.40
Golden Cloth. Golden yellow leaves, scarlet flowers.....	.05	.15	.40
Golden King. Golden yellow.....	.05	.15	.50
Golden Midnight (new). The foliage is a light yellowish-green, while the flowers are of such a dark maroon as to seem almost black...	.10	.20	.50
King of Tom Thumbs. Dark foliage, scarlet flowers.....	.05	.15	.40
King Theodore. Intensely dark crimson or chocolate.....	.05	.15	.40
Lady Bird. Yellow and red spotted...	.05	.15	.40
Pearl. Creamy white.....	.05	.10	.40
Prince Henry. Cream, marbled scarlet	.05	.10	.40
Queen of Tom Thumbs. Variegated foliage, bright crimson flowers.....	.10	.25	.50
Rose.....	.05	.10	.40
Ruby King. Crimson rose.....	.05	.10	.40
Scarlet.....	.05	.10	.40
Vesuvius. Salmon rose, dark foliage	.05	.15	.40
Extra Choice Mixture. 1 lb. \$1.00, 1/4 lb. 30c., 2 oz. 20c., oz. 10c.....	.05		
Collection of Six Varieties.....	.25		

TALL OR CLIMBING VARIETIES

10 to 12 feet

Coccineum. Scarlet.....	.05	.10	.40
Dark Crimson.....	.05	.10	.40
Dunnett's Orange. Deep orange.....	.05	.10	.40
Edward Otto. Brownish lilac.....	.05	.10	.40
Heinnemann. Chocolate color.....	.05	.10	.40
Hemisphaericum. Orange-salmon and scarlet.....	.05	.10	.40
King Theodore. Dark red, extra fine	.05	.10	.40
Jupiter. Very large, deep golden-yellow flowers; very large foliage and strong growing; free-blooming.....	.05	.15	.50
Pearl. Creamy white.....	.05	.10	.40
Prince Henry. Light yellow, marbled with scarlet.....	.05	.10	.40
Scheuerianum. Straw-color, brown striped.....	.05	.10	.40
Scheuerianum coccineum. Scarlet striped.....	.05	.10	.40
Schillingi. Bright yellow, blotched with maroon.....	.05	.10	.40
Vesuvius. Brilliant salmon-rose, dark leaved.....	.05	.10	.40
Von Moltke. Bluish rose.....	.05	.10	.40
Yellow.....	.05	.10	.40
Extra Choice Mixture. 1 lb. \$1.00, 1/4 lb. 30c., 2 oz. 20c., oz. 10c.....	.05		

Per Pkt.

POLYANTHUS (Primula Elatior). Early spring free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches .10

POPPY (Papaver). The seed should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Thin to six or twelve inches. If left thick the plants will be weak and the blossoms inferior. For beds and borders with a background of green there is nothing finer. Some sorts are admirable for naturalizing in open wooded grounds; others, like the Shirley, are beautiful for cutting.

SINGLE ANNUAL POPPIES

Admiral. A single peony-flowered variety, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top..... .10

Shirley. The most beautiful type of poppies, having soft foliage and an immense variety of single blossoms in white, pink, lavender, purple, shades of red and scarlet; the best and most showy of all single poppies..... .05

Danebrog. Large flowers of brilliant scarlet, with a silver spot on each of the petals.. .05

Tulip. Dazzling scarlet tulip-shaped flowers .05

DOUBLE ANNUAL POPPIES

Paeony Flowered. Large, showy flowers, with broad petals; colors range from white to pink, carmine, scarlet, crimson and maroon..... .05

Carnation, Double Mixed. Large, showy, double flowers of various colors..... .05

Carnation, Large Double. Scarlet..... .05

White Swan. Pure white, fringed..... .05

PERENNIAL POPPIES

Oriente. One of the most striking and showy of the garden perennials; flowers large, brilliant crimson with a black blotch on each petal..... .10

Iceland. Brilliant colors. Blooms first year from seed..... .05

PANSY

Pansies thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seeds sown in a cool place in May or June, and well watered until up, will produce fall flowering plants. To have good flowers, the plants must be vigorous and make a rapid growth; use manure liberally.

Mammoth Five-blotched. Are of full round form and comprise the most magnificent colors25

Bugnot's Giant Spotted. Very large flowers and beautiful colors..... .15

Odier or Blotched. A very showy variety, with dark blotches on the petals..... .15

Parisian Large Flowered Striped. Extra large flowers..... .15

Giant Odier, Five-spotted White. Flowers large and perfectly round; the most attractive of all white pansies..... .15

Giant Odier, Five-spotted Golden-Yellow. Flowers extra large, perfectly round and exceed-

ingly attractive; the most beautiful of all yellow pansies..... .15

Triumph of the Giants. Immense flowers of great brilliancy. The plants are of rapid growth, and form compact bushes of round shape, with strikingly large, healthy looking foliage..... .25

Giant Vulcan (new). Very large, brilliant, dark red with black blotches..... .25



PANSY

Carter's Fancy Striped. Elegantly striped, splashed and mottled. The flowers are large and freely produced, and the habit of the plant dwarf and compact..... .15

Carter's Peacock. Peacock-blue, white edge..... .10

Masterpiece. These pansies have a most beautiful combination of rich velvety coloring and attractive wavy or ruffled petals. This wavy effect gives a graceful appearance rarely seen in pansies..... .25

Adonis. Light blue..... .10

Atropurpurea. Dark blue..... .10

Golden Queen. Pure yellow..... .10

King of the Blacks. Velvety black..... .10

Lord Beaconsfield. Purple and lavender..... .10

Snowflake. Pure white..... .10

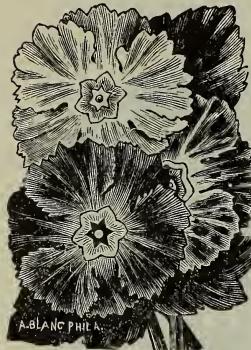
"A. S. & L." Choice mixed..... .10

Fine Mixed. .05

PORTULACA. The plants are of low growth and spreading habit. The flowers of the double varieties are like small roses, and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hot-bed earlier. The plants can be transplanted when in full flower. Annual.

PORTULACA—Continued

	Per Pkt.	Per Pkt.
Finest Double Mixed.....	.10	
Finest Single Mixed'.....	.05	
Single Rose.....	.05	
Single Scarlet.....	.05	
Single White.....	.05	
Single Yellow.....	.05	
		.10



PRIMULA



PORTULACA

PRIMULA. A beautiful flowering plant for winter decoration in the home or conservatory. Sow the seed in well drained, shallow pans from April to the last of July, to insure flowering the following winter. Use finely sifted leaf mold, loam and sand in equal parts.

SINGLE PRIMULA

Sinensis Fimbriata. Fringed varieties.	
Choice mixed.....	.25
Sinensis (Alba Magnifica). Pure white.....	.25
Sinensis (Coccinea). Bright red.....	.25

DOUBLE PRIMULA

Sinensis. Double fringed. Choicest mixed...	.50
Sinensis. Double white.....	.50

PRINCE'S FEATHER. Tall spikes of red flowers. Three feet.....

.05

RICINUS (Castor Oil Bean). A half-hardy annual, growing from 6 to 15 feet high and bearing large, green, deep purple and brown leaves, and bright orange and scarlet flowers. Of the easiest culture. Fine for lawns, massing or center plants for beds.

Borboniensis. Green foliage; 15 feet.....	.05
Cambodgensis. Dark maroon; stems black; 15 feet.....	.05
Gibsoni. Deep red foliage; 5 feet.....	.05
Sanguineus. Red stems and seeds; 6 feet.....	.05
Philippiensis. A variety from the Philippines; gigantic purple foliage; 10 feet.....	.05
Zanzibarensis. A large-leaved variety, deep green and bronze. 8 to 10 feet.....	.05
Mixed Varieties.....	.05

RHODANTHE. Fine for garden. Comes into flower early and continues a long time. One of the best everlastings for bouquets.

Fine Single Mixed.....	.10
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ROSE CAMPION. Fine scarlet flowers; 2 feet. Hardy perennial.....

.05

RUDBECKIA (Cone-Flower). Robust-growing plants, very popular for border decoration.....

.05

Bicolor Superba. Bright yellow with black-purple center; 3 feet. Annual.....

.05

SALPIGLOSSIS. Very showy bedding or border plants with richly-colored flowers which are purple, scarlet, crimson, yellow, buff, blue or almost black, beautifully marbled and pencilled. Half-hardy annual; 2 feet.

Finest Mixed.....	.10
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SALPIGLOSSIS

SALVIA. They bloom from July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May. Set plants 1 foot apart. Half-hardy annual

Bonfire. Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia for bedding.....	.10
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Splendens. Bright scarlet spikes, varying from 16 to 24 inches in length.....	.10
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Patens. Bright blue, extra large flowers. Height 1½ to 2 feet.....	.10
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SCHIZANTHUS. Hardy annuals, growing one and one-half to two feet high, and covered with bright, showy, butterfly-like blossoms. Large flowering. Mixed.....

SENSITIVE PLANT. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet.....

SMILAX. A climbing perennial, with beautiful, bright-green, glossy leaves, much esteemed for its long, delicate sprays of foliage. Largely used for decorating. It requires strings or wires to climb on.....

STOCKS. Hardy annuals, two feet high, with spikes densely covered with beautiful double flowers of almost every desirable tint. Seeds may be sown in the open ground, hot-bed or cold-frame, but transplanting should be done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart.

LARGE-FLOWERING (PERFECTION TEN WEEKS).

The best variety for bedding out for summer blooming, producing a large percentage of double flowers.

Blood-Red.....	.10
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Canary Yellow.....	.10
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Flesh Color.....	.10
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Light Blue.....	.10
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Rose.....	.10
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White.....	.10
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Mixed Colors.....	.10
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Per Pkt.

Dresden Perpetual (Cut-and-Come-Again, or Princess Alice). Pure white. Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost. Fine for cutting.....	.10
EARLY LARGE-FLOWERING WINTER STOCK	
Beauty of Nice. Strong spikes, with large flowers of a delicate fleshy pink.....	.10
Queen Alexandra. (New). Rosy lilac, similar to preceding. Splendid.....	.10
STEVIA. A tender perennial, one and one-half feet high and bearing clusters of small, white, fragrant blossoms. Suitable for summer or winter blooming.	
Serrata. .....	.10
SUNFLOWER (Helianthus). Hardy annuals, growing from three to six feet high. Of the easiest culture and suitable for a stately row or background. Plant in light or sandy soil.	
Californian. Splendid variety, with magnificent heads of double orange flowers.....	.05
Miniature. Small, single, rich yellow flowers; 4 feet.....	.05
SWEET CLOVER. A half-hardy perennial, much resembling the common red clover, and valuable for its fragrance.....	.05
SWEET ROCKET. Fragrant, hardy perennial, growing freely in ordinary soils.	
Mixed. Purple and White.....	.05
SWEET SULTAN. Large, sweet-scented flowers on long stems, 2 to 3 feet.	
Mixed .....	.05



SWEET WILLIAM

SWEET WILLIAM. An old-fashioned plant, producing its large heads of beautifully colored, sweet-scented flowers. It is hardy and easily grown. Hardy perennial; 1½ feet.

Holborn Glory. Large flowers of the most beautiful shades.....

Auricula-flowered. Single varieties, mixed

Double Varieties. Mixed.....

TASSEL FLOWER. A new annual of easy culture, with tassel-shaped flowers, blooming profusely from July to October; 18 inches....

THUNBERGIA. For house culture, baskets and vases, there are few plants superior to the Thunbergia, as they are beautiful, rapid-growing annual climbers, with pretty flowers (white, buff or orange, with dark eyes), borne in profusion. Mixed colors.....

.10
.05
.05
.05
.10

SWEET PEAS

The popularity of Sweet Peas is demonstrated by the many and beautiful varieties that are introduced each year. Our list includes all the best up-to-date varieties.

Sow as early as the ground can be prepared in a deep, rich, moist soil, in drills six inches deep, covering about two inches deep. As the vines grow, fill up the trenches with soil and thin out to about four or five inches apart. A popular plan at the present time is to sow in double rows with a trellis or a row of brush between.



SWEET PEAS

WAVED OR SPENCER TYPES

America Spencer. Red flakes on white ground. Pkt. 10c., oz. 30c., ¼ lb. 90c.

Apple Blossom Spencer. Very large, standard very bright rose, wings primrose with a flush of rose tint. Pkt. 10c., oz. 35c., ¼ lb. \$1.00.

Asta Ohn. The best lavender Spencer, very large and wavy. Pkt. 10c., oz. 30c., ¼ lb. 90c.

Aurora Spencer. White, with stripes and flakes of orange-pink. Pkt. 10c., oz. 30c., ¼ lb. 90c.

Captain of the Blues Spencer. Deep blue. Pkt. 10c., oz. 30c., ¼ lb. 90c.

Countess Spencer. The original giant-flowered Spencer. Clear Pink. Pkt. 10c., oz. 30c., ¼ lb. 90c.

Dainty Spencer. White with rose-pink edges. Pkt. 10c., oz. 35c., ¼ lb. \$1.00.

Ethel Roosevelt. Straw color, overlaid with dainty flakes and splashes of blushing crimson. Pkt. 10c., oz. 35c.

SWEET PEAS—Continued

Evelyn Hemus. Buff and Primrose, with clear rose margin. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Florence Morse Spencer. Petals large and very wavy. White and blush with pink edge. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Florence Nightingale. Large, wavy, bluish lavender, one of the best Spencer varieties. Pkt. 10c., oz. 50c.

Helen Lewis. Very large orange-pink, with bright orange standard. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

John Ingman. Rose-crimson. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

King Edward Spencer. The best pure red Spencer, very large. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Lovely Spencer. Deep pink at base, shading to lighter pink and flesh at edges. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Marie Corelli. Rose-carmine. Pkt. 10c., oz. 40c.

Miriam Beaver. Apricot-pink. Pkt. 10c., oz. 50c.

Mrs. Routzahn. Straw-color tinted with blush-pink. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Mrs. C. W. Breadmore Spencer. Primrose with rose edge. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Mrs. Hugh Dickson. A superior strain of apricot-pink and buff in the most improved giant Spencer type. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Othello Spencer. Deep, rich maroon. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Paradise Ivory. Buff with blush tint. Pkt. 10c., oz. 50c.

Primrose Spencer. Clear primrose color, fine large wavy standard and wings. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Senator Spencer. White with chocolate stripes. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

White Spencer. The best white. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

W. T. Hutchins. Primrose and buff shaded blush-pink. The blossoms are of immense size and of the true Spencer form, ruffled and waved. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Superb Spencer Mixed. A splendid mixture of true Spencer types only. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c.

UNWIN VARIETIES

Frank Dolby Unwin. Lavender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Gladys Unwin. Pink. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Nora Unwin. White. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Phyllis Unwin. Rose and carmine. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

GRANDIFLORA VARIETIES

America. Bright red striped on white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Aurora. Orange-rose striped on white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Apple Blossom. Shaded pink and white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Black Knight. Deep maroon. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Blanche Burpee. Large, pure white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Blanche Ferry. Pink and white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Bolton's Pink. Large, orange-pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Captain of the Blues. Bright purple and pale blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Coccinea. Cherry-red. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Countess of Cadogan. Standard purple, wings clear blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Countess of Radnor. Pale lavender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Dainty. White, with pink edge. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Dorothy Eckford. Fine pure white, large. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

David R. Williamson. Large purple-blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Duke of Westminster. Purple, tinted with violet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Earliest of All. The first to bloom, pink and white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Emily Eckford. Lavender-blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Emily Henderson. White, large size. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Gorgeous. Scarlet, orange and rose. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Helen Pierce. Mottled blue on white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Hon. Mrs. E. Kenyon. Primrose, large. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Hon. F. Bouverie. Standard and wings both deep pink at base, shading to light pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Janet Scott. Deep bright pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Katherine Tracy. Brilliant pink, large flowering. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

King Edward VII. Scarlet, very large. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Lady Grisel Hamilton. Lavender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Lord Nelson. Deeper and richer shade than Navy Blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Lord Roseberry. Rose, flushed crimson; large size. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Lovely. Soft shell pink; large flowering. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Miss Wilmott. Orange-pink; very large flowering. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Mrs. Walter Wright. Deep mauve. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Navy Blue. Standard indigo and violet, wings violet and bright blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Othello. Very dark maroon, of fine form and large size. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Phenomenal. White ground, shaded and edged blue. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Prince Olaf. Bright blue and white striped. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Prince of Wales. Rose-crimson. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Sadie Burpee. The largest pure white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

Shasta. Very large, pure white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

St. George. Brilliant orange-pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

Stella Morse. Buff, tinted pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00.

A. S. & L. SPECIAL MIXTURE. This mixture is made up by ourselves from the best-named varieties and cannot fail to give satisfaction. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., $\frac{1}{2}$ lb. 60c., lb. \$1.00. Postpaid.

Mixed, All Colors. A good mixture. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c. Postpaid.

SWEET PEAS—Continued

EARLY FLOWERING OR CHRISTMAS VARIETIES

Canary. Primrose.	Pkt. 10c., oz. 25c.
Christmas Meteor. Bright red.	Pkt. 10c., oz. 25c.
Christmas Pink. Pink and white.	Pkt. 10c., oz. 25c.
Florence Denzer. Pure white.	Pkt. 10c., oz. 25c.
Mrs. Chas. H. Totty. Lavender.	Pkt. 10c., oz. 25c.
Mrs. F. J. Dalansky. Pink.	Pkt. 10c., oz. 25c.
CUPID SWEET PEAS. Compact plants, growing six to seven inches high; excellent for edgings or pot culture.	
Pink.	Pkt. 5c., oz. 10c.
Primrose. Yellow.	Pkt. 5c., oz. 10c.
Countess of Radnor. Lavender.	Pkt. 5c., oz. 10c.
Beauty. White, shaded pink.	Pkt. 5c., oz. 10c.
Firefly. Bright red.	Pkt. 5c., oz. 10c.
White. Pure white.	Pkt. 5c., oz. 10c.

Perennial Peas. Perfectly hardy. Grow five feet high. Mixed varieties. Pkt. 5c.

Per Pkt.

VERBENA. A half-hardy, trailing perennial of easy culture. While it grows readily from division of the root or from cuttings, it does best from seed. It is well known as a bedding or border plant.

Mammoth Flowered. Various colors, with large white center.....	.10
Fine Mixed......	.05
Mammoth White......	.10
Mammoth Pink......	.10
Mammoth Scarlet......	.10
Mammoth Purple......	.10
Lemon Scented. Lemon scented foliage.....	.10

VIOLA ODORATA. Fragrant, spring-blooming plants; hardy perennial.

Single Mixed. Blue and white.....

.10

VIRGINIA STOCKS. Sweet-scented hardy annual.

Mixed......

.05

Per Pkt.

WALLFLOWER. An old favorite garden flower. The large, massive spikes of the Wallflower are very conspicuous in beds and borders and are very useful in making bouquets. Tender perennial; height about 1½ feet.

Single, Fine Mixed......

.10

WHITLAVIA. Showy annual. Bell-shaped flowers; excellent for small beds or ribbon border.....

.05

WILD CUCUMBER (Echinocystis Lobata). This is a useful climber where a rapid and vigorous growth of vine is desired. The vine is thickly covered with white, fragrant flowers. Hardy annual. Ounce 30c.....

.05

ZEA JAPONICA (Striped Japanese Maize). Very ornamental, variegated foliage.....

.05

ZINNIA. A half-hardy annual, growing from one to two feet high. One of the most brilliant and showy plants. They flower early in the summer and keep on blooming until frost. Sow in boxes early and transplant.

Mammoth (Robusta Plenissima). Very large double flowers, of many striking colors.....

.10

Tall, Double Mixed......

.05

Dwarf, Double Mixed......

.05

WILD GARDEN FLOWER SEEDS. A mixture of easily grown varieties of Flower Seeds for sowing broadcast, require very little care and produce a continual display of bloom throughout the season, and furnish an abundance of flowers for cutting. They are useful for sowing along fences and on unsightly bare spots of ground.

	Pkt.	Oz.	¼ lb.
Dwarf Mixture (Annual).	5c.	15c.	50c.
Semi-Dwarf Mixture (Annual).	5c.	15c.	50c.
Dwarf Mixture (Annual).	5c.	15c.	50c.
Tall Mixture (Perennial).	5c.	15c.	50c.
Dwarf Mixture (Perennial).	5c.	15c.	50c.

Summer-Flowering Bulbs

BEGONIAS (Tuberous-Rooted). Unequalled for summer bedding, making a dazzling show throughout the entire season.

Single. Orange, rose, scarlet, white, yellow, pink, crimson, salmon. 5c. each, 50c. per doz., \$4.00 per 100.

All Color Mixed. 5c. each, 50c. per doz., \$3.00 per 100.

Double. Red, rose, yellow, white, orange, salmon. 10c. each, \$1.00 per doz., \$7.00 per 100.

CALADIUM ESCULENTUM (Elephant's Ear). Very effective and easily grown foliage plants for the lawn or border. Bulbs 6 to 8 inches in circumference. 10c. each, 75c. doz.

CANNAS. Fine ornamental plants, blooming from July until frost. Red-flowering, green-foliage Cannas; pink-flowering, orange-flowered, white and cream shades; red gold-edged, yellow shades; bronze-leaved, red-flowered; orchid-flowering. All the above varieties, 10c. each, 75c. per doz.

DAHLIAS. Popular summer and autumn-flowering

plants. Named varieties, 15c. each, \$1.25 doz.

GLADIOLUS. Attractive summer-flowering bulbs. They will grow in any good garden soil. 4c. each, 30c. doz., \$2.00 per 100.

America. Lavender-pink. 10c. each, \$1.00 per doz.

Scarlet and Crimson Shades. 3c. each, 20c. doz., \$1.25 per 100.

White and Light Shades. 5c. each, 40c. doz., \$2.50 per 100.

Pink Shades. 4c. each, 30c. doz., \$2.00 per 100.

GLOXINIA. Showy, free-flowering plants; indoor culture. We have these in the following colors, viz: Brilliant scarlet, violet, white, crimson, spotted, scarlet with border, blue with white border. 10c. each, \$1.00 per doz.

MADEIRA VINE. A popular climbing plant. 5c. each, 40c. per doz.

TUBEROSE. If planted in pots in March and transplanted to the open ground when the weather becomes warm, flowers can be had much earlier.

Excelsior Pearl. Large, double, white flowers. 5c. each, 50c. per doz.

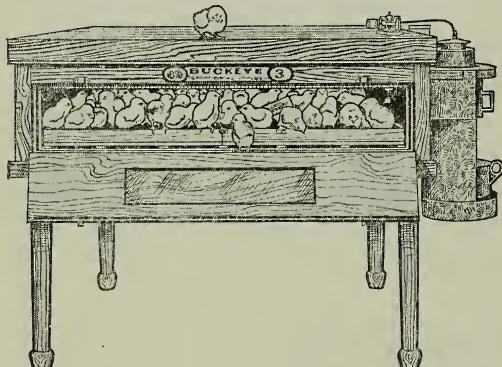
BUCKEYE INCUBATORS . . .

The STANDARD HOT WATER INCUBATORS of the World

ON THE MARKET 22 YEARS — OVER 325,000 IN SUCCESSFUL OPERATION

¶Buckeye incubators are equipped with every desirable device that can possibly add to incubator efficiency and they are sold with an absolute guarantee to hatch a chick from every hatchable egg.

¶Buckeye incubators are so simple that the beginner can operate them just as successfully as the experienced poultryman—that's why they are so uniformly satisfactory.



STANDARD

BUCKEYE STANDARD INCUBATORS

No. 1, Capacity 110 Eggs,	\$16.00
No. 2, Capacity 175 Eggs,	20.00
No. 3, Capacity 250 Eggs,	27.50
No. 4, Capacity 350 Eggs,	35.00

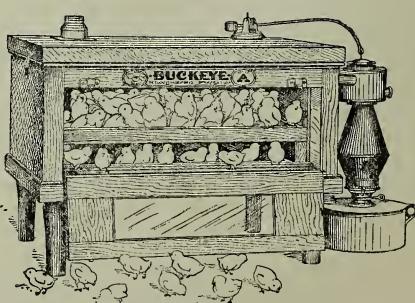
BUCKEYE INCUBATOR

STYLE A

Capacity, 60 Eggs

Complete — Ready to Use.

\$8.00



STYLE A

Ask for Large Illustrated Catalogue of Buckeye Incubators.

PRICE IS SECONDARY TO QUALITY

BUCKEYE BROODERS

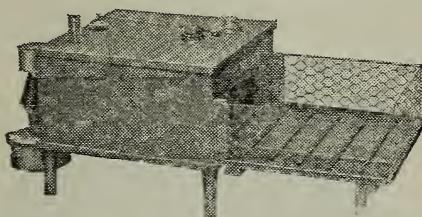
Buckeye Brooders are constructed on absolutely correct principles that provide those conditions which are so essential to the health and welfare of the growing chicks.

The heat supply comes from the top and the hover is kept uniformly warm at every point—that prevents crowding.

The temperature is regulated to a degree by a dependable thermostat—that prevents overheating and chilling.

The ventilating system provides for a constant circulation of pure, fresh, warm air—that prevents sickness and promotes that rapid growth of the Chicks for which the Buckeye Brooder is famous.

Use BUCKEYE BROODERS and you will raise more Chicks and stronger Chicks than you ever raised before



BUCKEYE BROODERS

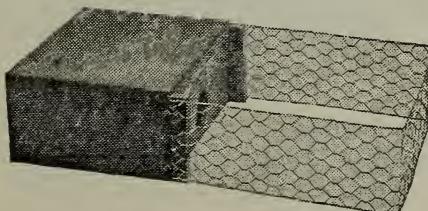
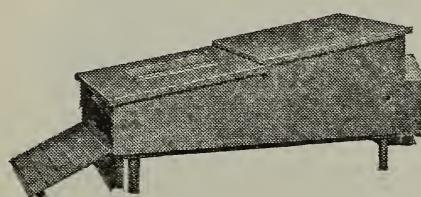
INDOOR HEATED TYPE

No. 1, Capacity 50 Chicks	\$7.00
No. 3, Capacity 100 Chicks	9.00

BUCKEYE BROODERS

OUTDOOR HEATED TYPE

No. 2, Capacity 50 Chicks	\$ 9.00
No. 4, Capacity 100 Chicks	13.50



BUCKEYE BROODERS

INDOOR LAMPLESS TYPE

No. 5, Capacity 25 Chicks	\$1.75
No. 6, Capacity 50 Chicks	2.75

ASK FOR A LARGE ILLUSTRATED CATALOG OF BUCKEYE BROODERS

ORDER EARLY TO AVOID DISAPPOINTMENT

BUCKEYE PORTABLE HOUSES

The most practical poultry houses on the market.

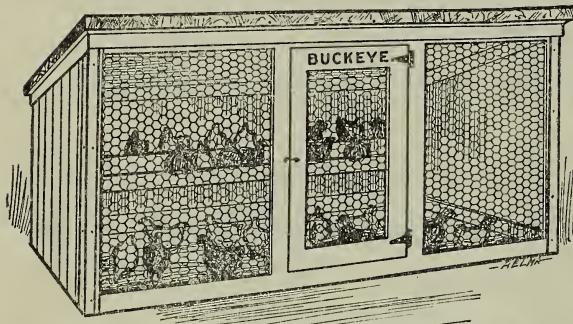
Designed after the most modern methods that have the approval of every practical poultryman.

Material and labor are the best the market affords, and only by making these houses in enormous quantities can they be sold at such low prices.

BUCKEYE COLONY HOUSES

SHIPPED KNOCKED DOWN

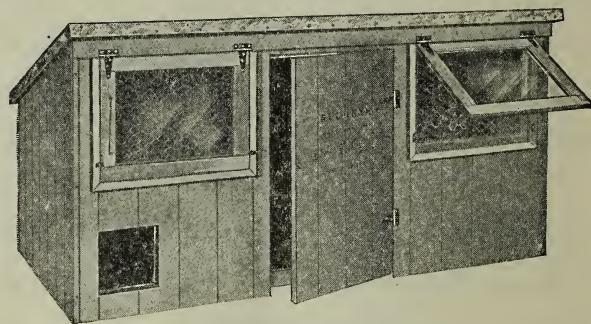
PRICES, F. O. B. PORTLAND, MAINE



Wire Front Colony House

\$11.00

Complete with floor and roosts



Wood Front Colony House

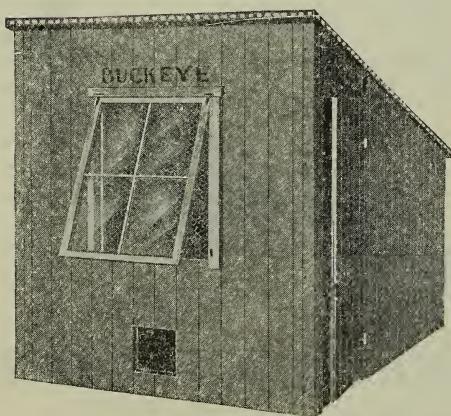
\$12.00

Complete with floor and roosts

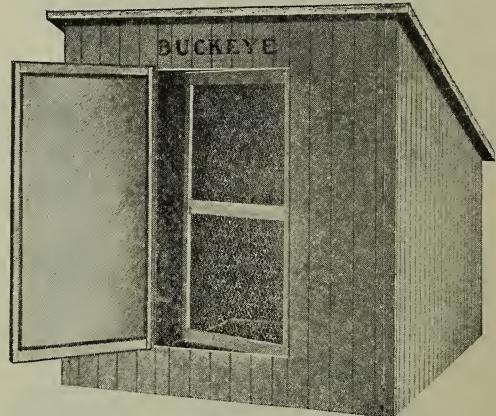
BUCKEYE POULTRY HOUSES

SHIPPED KNOCKED DOWN

PRICES, F. O. B. SPRINGFIELD, OHIO



Closed Front House



Open Front House

SIZE OF BUCKEYE POULTRY HOUSES

6 feet wide, 8 feet deep, $6\frac{1}{2}$ feet high at front, 4 feet high at back

Price of either style, **\$25.00**

Complete with Nest Boxes, Roosts and Dropping Board

SEND US YOUR MAIL ORDERS

ESSEX-MODEL STANDARD INCUBATORS

1913 MODEL



No. 2 STANDARD

The famous Essex-Model "Standard" Incubators are acknowledged by most successful poultrymen to be America's Leaders in Artificial Incubation. These Standard Incubators are made of Hardwood, High Grade Chestnut. They possess double walls thoroughly insulated. The Heater is of Metal covered with a thick corrugated Asbestos Jacket. The non-shrinkable metal regulator arm cannot increase or decrease in weight by the action of moisture.

The Essex Corrugated Thermostat, the heart of the machine, is the most rigid, the most sensitive, quick acting thermostat made. It is patented and therefore may be used only in the Essex-Model Incubators.

ESSEX-MODEL STANDARD INCUBATORS PRICES AND SIZES

No. 0	Standard Incubator, Holds 100 Eggs,	Price, \$18.00
No. 1	" " " 175 "	" 23.00
No. 2	" " " 275 "	" 32.00
No. 3	" " " 410 "	" 37.00
No. 4	" " " 324 " (Duck),	" 40.00

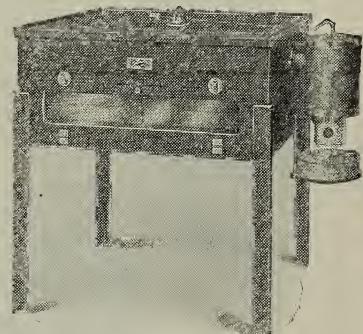
Essex-Model Middle-Price Incubators, 1913 Model

This is a line of Middle-Price Incubators for those earnest poultry keepers who want nothing but a reliable hatcher. In the Middle-Price Incubators the heating and ventilating principle of the Standard Model Incubator is in a great part retained. The double cases are of pine with ample packing or insulating material between them; nicely finished in mission style, and in every way a dependable hatcher. Compare these prices with those of any other make of **High Grade Machines** that hold as many eggs, and you will find that these cost less by one half. They are positively the greatest values offered in Incubators of these sizes.

ESSEX-MODEL MIDDLE-PRICE INCUBATORS

PRICES AND SIZES

No. A.	Middle-Price Incubator, Holds 70 Eggs,	Price, \$11.00
No. B.	" " " 120 "	" 14.00
No. C.	" " " 200 "	" 20.00

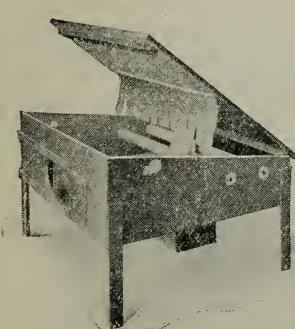


No. C. MIDDLE-PRICE

Essex-Model Brooders

The Essex-Model Brooders are known wherever poultry is raised by reason of their splendid combination of Light, Heat and Ventilation and Floor Space. Their superiority over all others is readily seen. In these Brooders the fresh air is first heated; then introduced directly between the heating drum and the upper hover and spread throughout the hover without creating a draft. The absence of oil fumes is secured by air-tight heating parts and in all of the Essex-Model Brooders and Hovers can be readily raised for cleaning purposes.

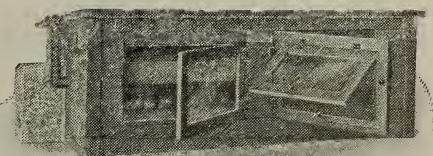
The advantages named place the Essex-Model Brooders in a class by themselves, as the most Economical, most Practical and Highest Quality Brooder made.



Single New Homestead Brooder

PRICES

Essex-Model Portable Hover,	Price, \$ 7.50
Essex-Model Colony Brooder, Style A,	" 12.50
Essex-Model Colony Brooder, Style C,	" 18.50
Essex-Model Single New Homestead Brooder,	" 6.50
Essex-Model Double New Homestead Brooder,	" 10.00



Colony Brooder, Style C.

Call at our store and examine these machines. See how easily they work

"STERLING QUALITY" SEEDS MEAN THE BEST

INTERNATIONAL SANITARY HOVER

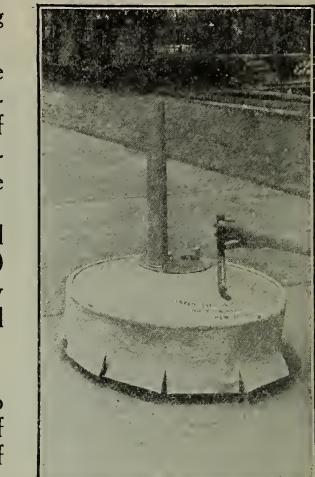
The International Sanitary Hover differs widely from other brooding devices in principle and construction.

Perhaps the strongest distinguishing feature of the Sanitary Hover is the fact that it is warmest at the curtain. This causes the chicks to distribute themselves near the edge of the curtain, where there is plenty of fresh air, instead of crowding to the center to trample one another or die of suffocation. The Sanitary is not a center-heat hover. It heats by radiation from an overhead dome—not by the draft system common to many hovers.

It can be carried around with ease and used anywhere. It is well suited to portable brooders and colony houses—provided they are at least 30 inches wide—but will yield equally good results in a hen house, a barn, a cow stall, a piano case, or even a dry goods box in a place sheltered from wind and rain.

It will accommodate 100 chicks, providing ample room for them.

During the fall and winter months the Sanitary Hover can be used to sprout oats and so provide the winter supply of green food. Twelve quarts of oats sprouted under the Sanitary Hover will give, in eight days, $2\frac{1}{2}$ bushels of green food—enough to feed 500 laying hens 3 days. As an oat sprouter alone the Sanitary Hover will pay for itself many times over. Descriptive catalogue fully explaining the various uses of this popular hover will be mailed free on request.



Price, Complete, \$8.50.

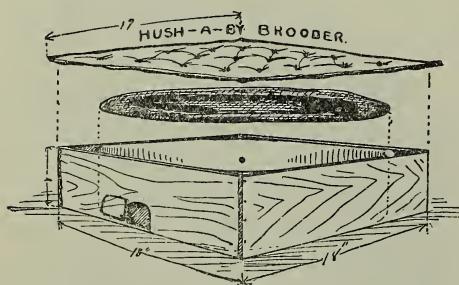
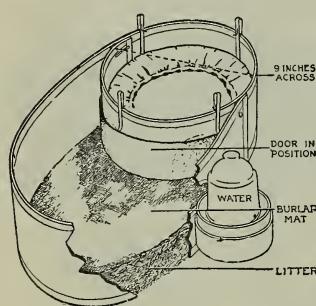
THE LULLABY BROODER

Twenty-five chickens in a "Lullaby" make a great deal better use of food consumed, grow larger, harder, and get to laying earlier, and once you plan your plant properly you can care for just as many in lots of twenty-five as you did formerly with fifty together.

It is not a question of how many chicks you put together in the spring that tells the profit later. It is "**How many did you raise out of every 100 hatched?**"

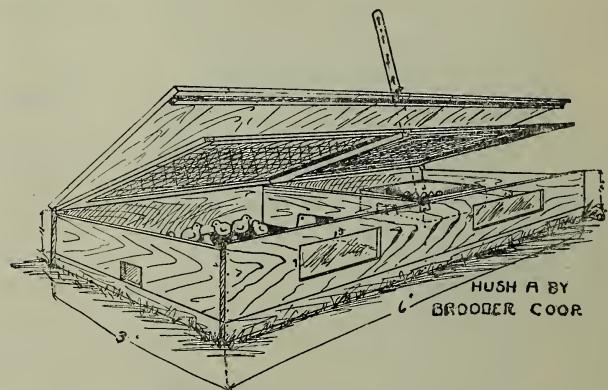
Price, \$1.00; by mail, Postpaid, \$1.15.

Write for Descriptive Catalog.



Lyon's Hush-a-by Brooder

Price, \$2.00



Lyon's Hush-a-by Brooder Coop

To be used in connection with the Hush-a-by Brooder

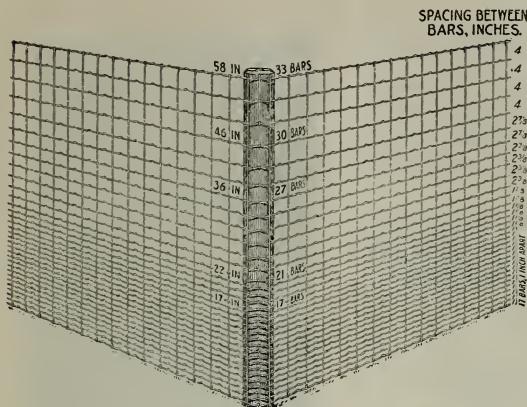
Price, \$10.00

The Pine Tree Poultry House

Size front, 6 feet; width, 4 feet; height of front, 6 feet; height of back, 4 feet 6 inches. Equipped with nests and roosts. Will accommodate 10 hens.

Price \$15.00

PRICE IS SECONDARY TO QUALITY



"PITTSBURGH PERFECT" CHICKEN, RABBIT AND POULTRY FENCES

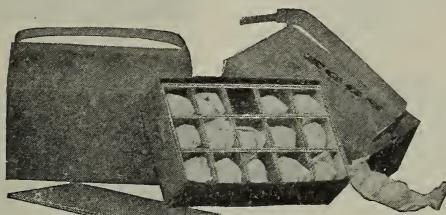
Here is a combination of 'Pittsburgh Perfect' Fence styles whose field of usefulness and perfect adaptability outclasses by far any other fences made for similar purposes.

They give to poultry quarters, gardens, etc., a smart, up-to-date appearance, and are the most durable and thoroughly satisfactory poultry fences possible to procure. It is unnecessary to use a top board with any of these fences, as we employ an extra heavy top and bottom wire, which also adds greatly to strength. A top board gives the chickens a chance to see how high they have to fly to get over, and if no board is used, they will not fly over. For about a foot and a half from the ground, the line wires are only an inch apart, while the stay wires are placed either four or six inches apart.

Made in six different heights, offering many economical advantages.

Write for catalogue and prices.

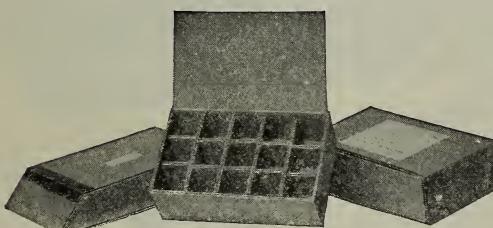
Eyrie Egg Ship- ping Box



For shipping hatching eggs by express. Made of heavy corrugated cardboard, very strong, compact, light and convenient.

1 setting, each, 15c.; \$1.50 per doz.
2 setting, each, 20c.; \$2.00 per doz.

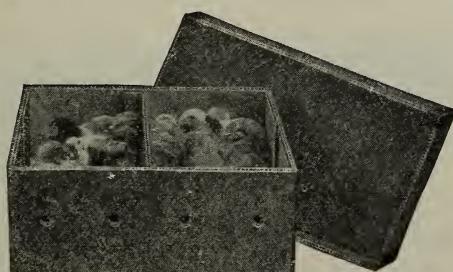
THE ANDERSON EGG BOX



Made of corrugated paper with double-faced corrugated paper partitions protecting each individual egg. Folded flat for shipment.

1 Setting \$1.15 per doz. 50 Egg Size \$2.75 per doz.
2 Setting \$1.90 per doz. 100 Egg Size \$4.50 per doz.

THE SEFTON LIVE CHICK BOX

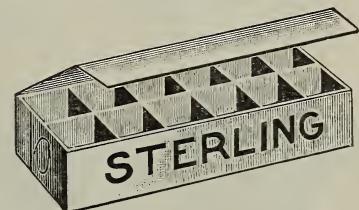


Made from corrugated paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in Express Charges alone will pay for the box.

It is shipped to you folded flat, very easily set up.

25 Chicks Size 12x6x5 \$1.25 per doz.
50 Chicks Size 22x12x5 1.75 per doz.
100 Chicks Size 24x12x5 2.90 per doz.

"STERLING" PAPER EGG BOXES



A new shape especially adapted for Family Egg Trade.

These boxes are intended for use in delivering eggs to private families. They are of a very convenient size; are shipped knock-down and can be readily set up.

Price per doz.	\$.15
“ “ 25	.25
“ “ 100	.70
“ “ 1000	6.00

The Eyrie Shipping Coop



A STRONG, LIGHT WEIGHT COOP FOR SHIPPING FANCY FOWLS

The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat and cold. The top and bottom are strongly constructed of wood. They are folded flat for shipment, greatly reducing freight and express charges.

	Each	Doz.
No. A Size 12x16x18	\$.40	\$3.75
“ B “ 12x18x22	.45	4.25
“ C “ 12x22x22	.50	5.00
“ D “ 20x22x22	.55	6.00
“ E “ 20x24x22	.60	6.50

WIRE HEN'S NEST

Supported on walls by hooking over two nails.

Each 15c.; \$1.25 per doz.



ORDER EARLY TO AVOID DISAPPOINTMENT

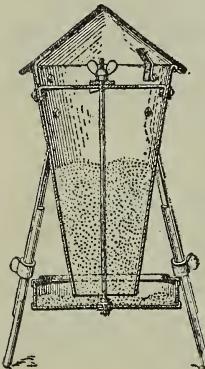
Norwich Automatic Feeder

Fill the Hopper with any dry grain feed, or any mixture of dry grain feed, and the Revolving Bait Bar with cracked corn. Stand the Feeder anywhere in the yard, pen or house, and put any kind of litter under machine. Adjust valve to feed desired quantity. Adjust legs for required height.

The exercise given by the action of the machine is just sufficient to keep the flock in perfect condition. If you are not absolutely satisfied with the machine in every respect, or find one objectionable feature, return it at our expense and we will at once refund your money.

... PRICE LIST ...

No. 1—8	Quart Hopper	-	-	\$2.50
2—14	"	-	-	3.25
3—20	"	-	-	4.10
4—32	"	-	-	5.00



Jersey Automatic Sanitary Dry Food Hopper

Feeding fowls properly is the secret of success with pou'try. Getting the total value of the feed, or preventing waste, is the most important economy. These are two reasons why your poultry yards should contain the **Jersey Automatic Sanitary Dry Food Hopper**. Whether you are a fancier of fine stock, a possessor of a few fowls for domestic needs, or a breeder for the markets, you are interested in saving your feed, and saving your fowls from the danger of unclean food.

Adjustable to All Kinds of Feed. No Matter What You Feed It Will Never Clog.

Large Size, \$2.50

Medium Size, \$2.00
Baby Chicks, 90c.

Small Size, \$1.50



The "Overall" Feeder

One of the most practical and inexpensive Dry Feeding devices ever offered. No clogging or waste of feed, always accessible.

Poultry sizes, 8-qt. 50c.; 6-qt. 40c.

Chick size, 30c.



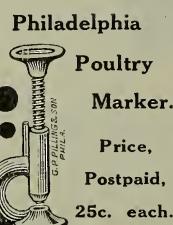
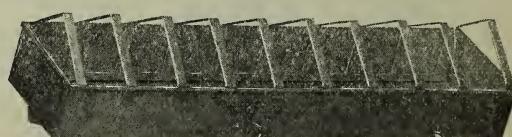
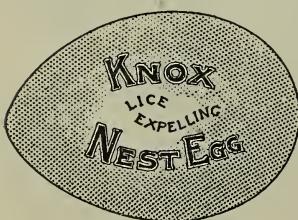
Brooder Chicken Feeders

Made of Galvanized Iron

No. 1—10 Inches Long	-	-	-	-	25c.
No. 2—18 Inches Long	-	-	-	-	40c.
No. 3—24 Inches Long	-	-	-	-	65c.

Drives away lice from laying or setting hens and clears the nests of vermin. Retains its strength, but gradually reduces in size.

5c. Each,
50c. Per Dozen.

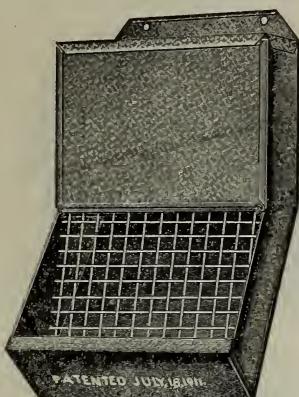


Philadelphia
Poultry
Marker.
Price,
Postpaid,
25c. each.



Price, Postpaid, 25c. Each.

SEND US YOUR MAIL ORDERS



OPEN



CLOSED

SEXTON'S DRY FEED HOPPER

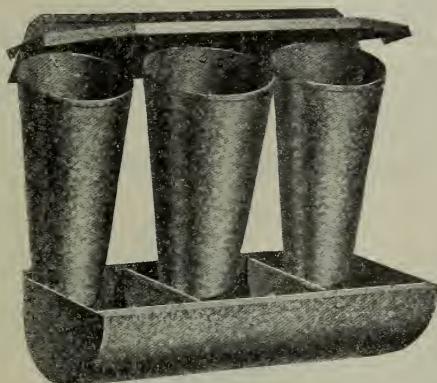
Easy To Fill. No Waste. Rat Proof. Dust Proof.

The lower cover is so arranged that it is held up by locking the top cover of Hopper over same, and by raising the top cover the lower cover will fall in place.

This Hopper is arranged to hang on the wall the desired distance from floor and never need be removed from the wall to be refilled. It is impossible to waste any feed as the pan at the bottom takes any feed that may be picked out and the last crumb can be used, therefore saving any waste. The body being covered keeps feed dust-proof and clean, and is always dry.

Body made of galvanized iron and the grating is of round galvanized wire preventing the Poultry from cutting their bills.

Poultry Size, \$1.00



The Buckeye Self-Feeding Hopper

Made of Galvanized Iron, with three compartments for Shell, Grit and Charcoal. Will not clog.

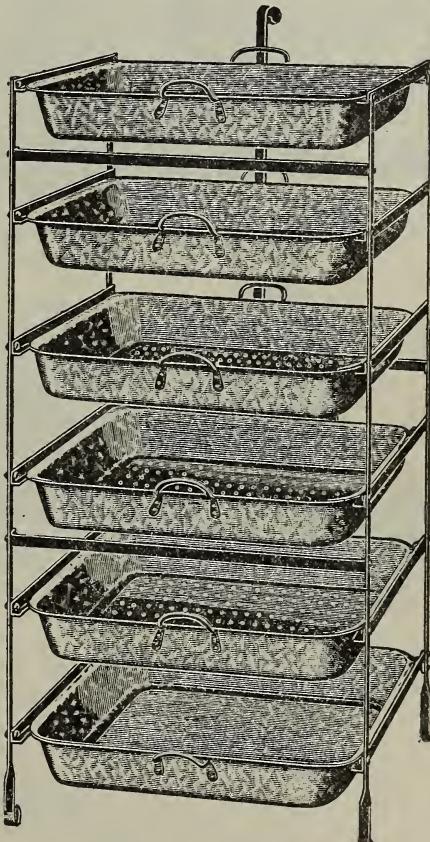
Price 75c.

Economy Oat Sprouter

The feeding of sprouted oats is no longer an experiment. Experience has proven its value as a food for stimulating egg production. Oats sprouted in the right manner furnish food most nearly akin to the fresh, green growth of springtime, the prolific laying time of the year. By feeding sprouted oats through the winter, egg production can be kept up to a much larger degree than otherwise.

The Economy Oat Sprouter employs the natural process for sprouting. It has a natural drainage and is effective and economical to the highest degree.

Price \$5.50

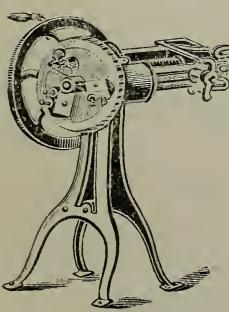


STANDARD IMPROVED BONE CUTTERS

Warranted to Cut Green or Dry Bone, with Meat or Gristle, or Money Refunded

No. 10	Bench Cutter with crank handle for hand use	\$ 6.75
" 9	Bench Cutter with balance wheel for hand use	8.80
" 8	Cutter with legs and balance wheel for hand use	10.50
" 7	Bench Cutter with balance wheel for hand use	12.00
" 6	Cutter with balance wheel and legs for hand use	13.00
" 3	Cutter with balance wheel and legs for hand use or pulley for power	17.75
" 4	Cutter with double balance wheel for hand use	19.90
" 2	Cutter for power	27.50

Send for Descriptive Catalogue



No. 8

Egg Tester

Made of Tin, to fit either B or C Burner.

Makes a strong, powerful light for the egg so that any person can easily determine the fertility.

25 Cents Each

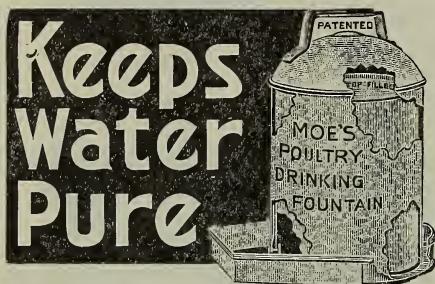
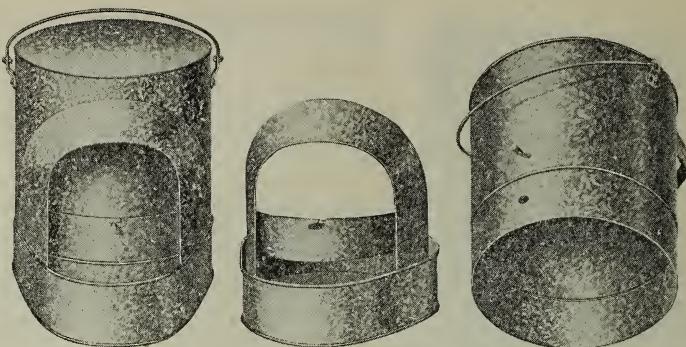
"STERLING QUALITY" SEEDS MEAN THE BEST

EASY ACCESS FOUNTAIN

Made in Two Sections

It can be easily taken apart and thoroughly cleaned inside; can be filled quickly and easily carried around after filling. Made of galvanized iron, extremely simple, and cannot get out of order.

Price, 1 gal. 50c., 2 gal. 85c.



Moe's Top-Fill Drinking Fountains

These are sanitary because dirt cannot get into them; they are sealed and soldered so that it is absolutely impossible for impurities to enter the water. They are made of tested galvanized steel of superior grade; will not rust or crack; you can place them in the fierce heat of summer, yet the water always will remain cool and pure; you can place them in the open cold of winter, yet the water will be just right for drinking.

1 gal. \$1.25, 2 gal. \$1.75, 4 gal. \$2.25



Nesco Sanitary Fountain
Galvanized Pan and Cone-Shaped
Top. Easily cleaned.

1 qt. 25c.



"Overall" Water Holder

Made of stoneware, easily
cleaned and filled.

2 gal. 40c., 1½ gal. 30c.



Stoneware Fountains

They keep the water cool and it is impossible for chickens to get wet or drown while using them.

1 qt. 20c., 2 qt. 30c.

EGGS FOR HATCHING

At short notice we can furnish Eggs of the following breeds at a cost of from One to Three Dollars per setting. Plymouth Rocks (Barred, Buff, White), White Wyandottes, Rhode Island Reds, Leghorns (White and Buff), Orpingtons (Black, Buff, and White).

DAY OLD CHICKS

A great many poultry keepers, especially those in a small way, prefer to buy the young chicks to the trouble of hatching.

To meet this demand we furnish good lively chicks in all the ordinary breeds at reasonable prices.

PRICE IS SECONDARY TO QUALITY

The Philadelphia Caponizing Set



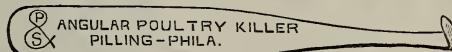
Complete with Instructions \$2.50

Black, White, Blue, Pink,
Amber and Ruby

On and Off Like a Key Ring.

25 cents a dozen, 50 cents for 25, 75 cents
for 50, \$1.50 for 100
Postpaid.

Pilling Angular Killing Knife



By simply turning the wrist the jugular vein and spinal cord
are cut, thereby bleeding the fowl, allowing the feathers to be
removed without using water. 50 Cents Postpaid.

French Poultry Killing Knife

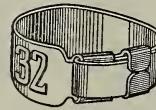


50 Cents, Postpaid

Philadelphia Gape Worm Extractor

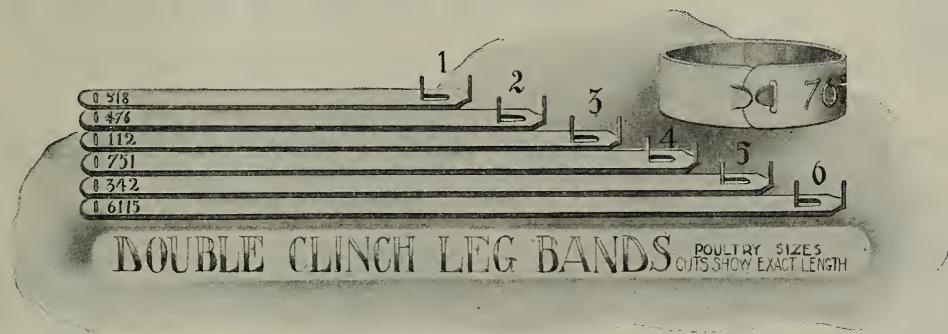


Postpaid, 25 Cents Each

THE CAPITAL
LEG BAND

This is an adjustable band that is strong and durable, locks with double clinches, and is numbered with large Raised Figures.

Prices, Postpaid: 12 for 15c., 25 for 25c.,
50 for 40c., 100 for 65c.



They have an exceptionally strong fastening consisting of two clinches which close down over the ends of the band in such a way as to make it practically impossible to lose them off. Always state sizes wanted or breed of fowls bands are to be used on.

Prices, Postpaid: 12 for 15c., 25 for 25c., 100 for 75c.

The Perfection Shipping
Crate

Made of strong but light wood and
securely braced.

Price \$1.00 Each

BUCKEYE
GAS HEATERS

For Incubators and Brooders

Require no attention and can be attached to
any gas burner. Only a piece of rubber gas tubing
is needed to make the connection. A plumber is not
necessary. Price \$1.00

ORDER EARLY TO AVOID DISAPPOINTMENT

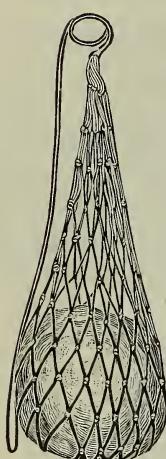
A. S. & L. "STERLING QUALITY"

Egg Cases

The most complete Egg Case on the market, largely used by shippers, and constructed to stand Rough Handling in Transit.

... PRICES ...

			EACH		EACH
8 dozen	.	.	\$.75	49 dozen	.
15 "	.	.	.95	56 "	.
30 "	.	.	1.15		\$ 1.35
					1.50

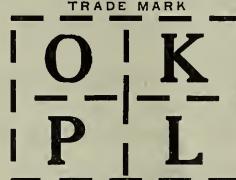


Carter's
Green Food
Feeder

Made of strong, soft twine. Hang in the hen house or yard for poultry feeding. Capacity one-half bushel of cabbages, beets, clover, etc.

Price 35c.,
by mail prepaid 45c.

O. K. POULTRY LITTER

A Deodorizer,  TRADE MARK Absorbent,
Disinfectant,  REGISTERED AND Economical

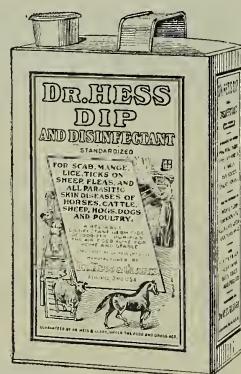
LABOR SAVING SCRATCHING LITTER

Price, Per 100 Pounds, \$2.50

Dr. Hess' Scientific Stock and Poultry Preparations



Price, 1 1/2 lb. pkg. 25c.,
5 lb. pkg. 60c., 12 lb.
pkg. \$1.25, 25 lb.
bucket \$2.50.



PRICE
Per Quart, - 35c.
Per Gallon, - \$1.00



PRICE
7 lb. pkg. 50c., 12 lb.
pkg. 80c., 25 lb. pail \$1.60,
100 lb. sack \$5.00



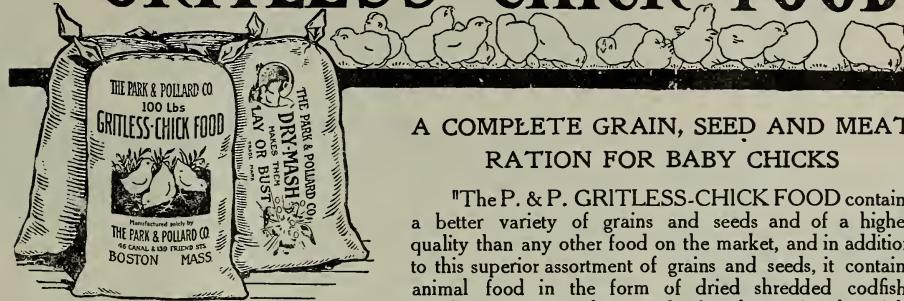
PRICE
1 Pound Can,
25 Cents.

DRS. HESS & CLARK make this proposition: Feed Dr. Hess' Stock Tonic or Poultry Pan-a-ce-a and if it fails to pay and pay **BIG**, bring back the empty package and your money will be refunded.

SEND US YOUR MAIL ORDERS

. . . POULTRY FOODS . . .

GRITLESS-CHICK FOOD



proportions, thus making a complete food which furnishes vegetable and animal food to the babies in the most digestible form, and presents it in the most appetizing manner."

A COMPLETE GRAIN, SEED AND MEAT RATION FOR BABY CHICKS

"The P. & P. GRITLESS-CHICK FOOD contains a better variety of grains and seeds and of a higher quality than any other food on the market, and in addition to this superior assortment of grains and seeds, it contains animal food in the form of dried shredded codfish, supplying protein, lime and phosphorus in the right



DRY-MASH COMPELS RESULTS. IT'S LAY OR BUST WITH EACH AND EVERY ONE OF THEM

"When we tell you that our Dry-Mash makes them "Lay or Bust" every time, at all seasons of the year,—we mean what we say. It is impossible for a healthy hen to eat our Dry-Mash and not lay.

Not only does it produce eggs at a lower cost than any other food, but it maintains the birds in better health, and does away with more than one-half the labor of caring for them.

In purchasing foods, watch your protein analysis. A low protein food at a low price costs you more per feeding value than a high protein food at a much higher price, and we emphasize,—this protein must be **ANIMAL** protein, not **VEGETABLE** protein."

THE MORE THEY SCRATCH—THE MORE THEY LAY— SCRATCHING IS THE NATURAL EXERCISE

CONTINUOUS SCRATCHING IS NECESSARY TO CONTINUOUS LAYING

"OUR SCREENED SCRATCH FEED is compounded to balance our DRY-MASH, and is always very carefully screened and composed of a combination of the best and sweetest of grains and seeds, which pleases the taste of the hen and at the same time keeps her everlastingly scratching. The exercise she gets in this way increases her activity, develops the muscles and blood vessels, helps digestion and circulation, reddens the comb, and assists in a general way to strengthen all the functions of the body."



NINE-TENTHS OF THE CHICKENS HATCHED DO NOT GET ENOUGH TO EAT

"After the chickens are ten days or two weeks old, our Growing Feed provides them with a continuous ration made up of a happy combination of the strongest and richest grains and meat food ground together in the most appetizing form for the chickens, and so pleases their palate that they stuff themselves from one week's end to the other, and grow evenly and rapidly into highly developed pullets, cockerels, or capons, in one-third less time than they would under any other system.

This rapid growth and full development is just what our Growing Feed will do, for it gives a wide variety to feed upon, and so fully nourishes every part of the growing stock that they are always in good form and well feathered, with unlimited stamina that will reproduce itself in next season's breeding pen with even better and greater strength." Write for Quotations.

POULTRY CHARCOAL

Charcoal acts as an absorbent and destroyer of gases produced in the digestive tract when the system is out of order and also of impurities in the blood. It aids digestion, promotes health, and is generally corrective of many poultry ills. No poultryman can afford to be without it.

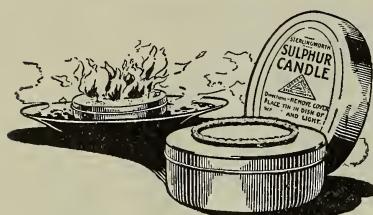
X (Fine Powdered) for Mash Food for Ducks.

XX (Fine Granulated) for Chicks and Chick Food Mixtures.

XXX (Medium Granulated) for Half-Grown Fowls, Pigeons, etc.

XXXX (Coarse Granulated) for Grown Fowls, Geese, Turkeys, etc.

PRICES: 50 pound paper-lined, burlap sacks, \$1.00 each; 2 pound cartons, 10 cents each.



STERLINGWORTH SULPHUR CANDLES KILL INSECT PESTS AND DISEASE GERMS

STERLINGWORTH SULPHUR FUMIGATING CANDLES produce more vapor than any other candle sold at the same price. The candles are especially useful in ridding poultry houses, dog kennels, etc., of insect pests, as the vapor from it penetrates crevices not reached by other means.

PRICE: 15 cents each; postpaid, 20 cents

Sterlingworth Diarrhoea Remedy

This Remedy Is Guaranteed To Give Satisfaction

IF IT FAILS WE REFUND
THE PURCHASE PRICE



A POSITIVE
cluding that diag-
good to be true; for this
than any other disease.
and blasted hopes of a profit and a livelihood from poultry-raising, die yearly from diarrhoea, which
could be saved if Sterlingworth Diarrhoea Remedy was used.

PRICE: Per box, sufficient for several flocks, 50 cents, postpaid

cure and preventive for Diarrhoea, in-
nosed as White Diarrhoea, seems too

scourge has driven more poultrymen out of business
Millions of chickens, representing thousands of dollars

ROUPEN
WHITING'S
Reliable
ROUP
REMEDY
E

ROUP, which includes
Canker and Diph-
theretic Roup, is the most
dreaded and fatal disease
that Poultry dealers have
to deal with, and has
been considered incur-
able up to the time that

"ROUPENE"

was discovered.

PRICE, 50 CENTS



PRICES: Trial size contains 27 tablets, sufficient to
medicate 130 lbs. of feed, 25c.; large size contains 81
tablets, sufficient to medicate 400 lbs. of feed, 50c., postpaid.

TROPICO ROOFING

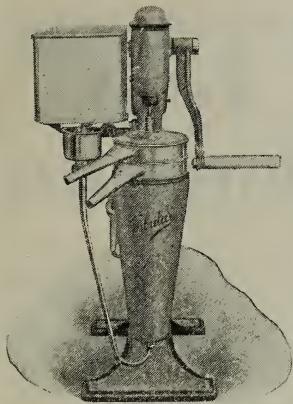
Tropico Roofing is a strong, pliable fabric, so made by thoroughly saturating the best grade of wool roofing felt with a non-volatile water-proofing composition, which also preserves the fiber and keeps the roofing flexible in all temperatures.

It is not affected by change of temperature. It will not shrink or crack in winter weather, or run during the hottest days. Sparks, live embers, etc., falling on this roofing, will not more than char the spot they cover. It meets every requirement of a practical and serviceable roofing material.

It is made 32" wide, put up in rolls containing 108 square feet, sufficient to cover 100 square feet allowing for a 2" lap.

PRICES: Per roll, 1 ply, \$1.50; 2 ply, \$1.75; 3 ply, \$2.00

PRICE IS SECONDARY TO QUALITY



SHARPLES TUBULAR CREAM SEPARATORS

“THE WORLD’S BEST”

THE RESULT OF THIRTY-ONE YEARS’ EXPERIENCE

Only Sharples Cream Separators receive the whole milk through the bottom of the bowl. All other separator bowls are fed through the top.

MORE BUTTER AND BETTER PRICES ARE THE UNIVERSAL TUBULAR RECORDS

WRITE FOR DESCRIPTIVE CATALOG AND PRICES

... WE ARE AGENTS FOR ...

SHARPLES MECHANICAL MILKER

THE STODDARD BARREL CHURN

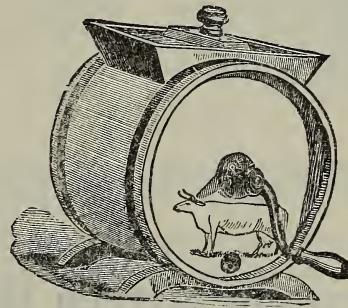
The Stoddard Barrel Churn is the best and most popular dairy churn on the market. It is the only churn manufactured with all castings, including hoops, heavily galvanized so they will not rust.

Prices — Dairy Sizes, Hand Power

No. 0. 8 Gals., churns 1 to	3 gals.,	\$7.00	No. 4. 25 Gals., churns 4 to 12 gals.,	\$11.00
No. 1. 10 Gals., churns 2 to	4 gals.,	7.50	No. 5. 35 Gals., churns 5 to 16 gals.,	12.00
No. 2. 15 Gals., churns 2 to	7 gals.,	8.50	No. 5. 45 Gals., churns 5 to 20 gals.,	15.00
No. 3. 20 Gals., churns 3 to	9 gals.,	9.50	No. 6. 60 Gals., churns 6 to 28 gals.,	18.00

BLANCHARD CHURNS VARNISHED CYLINDER CHURNS

No. 3, churns 2 gallons,	\$4.00
No. 4, churns 4 gallons,	4.50
No. 5, churns 8 gallons,	5.50
No. 6, churns 12 gallons,	6.50
No. 7, churns 16 gallons,	8.00



SMALL'S CALF-FEEDER

Price, \$2.50

Extra Nipples, 25 cents each

No. 1, 3 gallon capacity,	\$1.85
No. 2, 4 gallon capacity,	2.25
No. 3, 7 gallon capacity,	2.50
No. 4, 10 gallon capacity,	3.00

PARCHMENT BUTTER PAPER FOR WRAPPING AND COVERING BUTTER

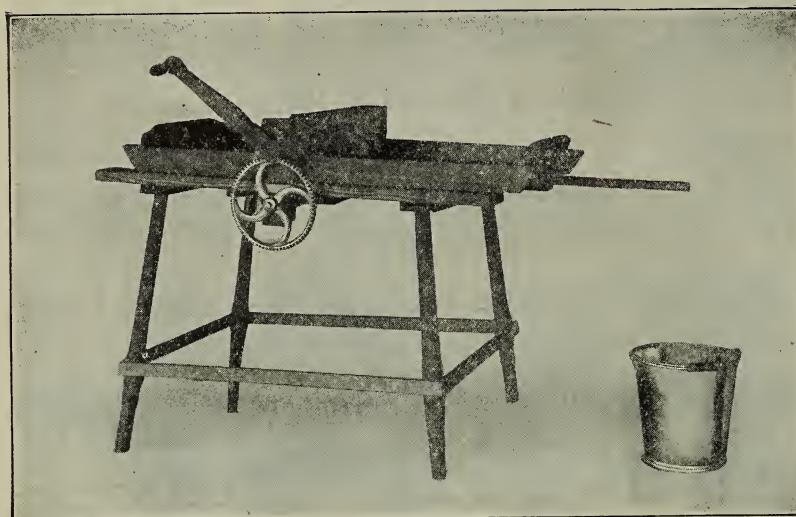
For Layers and Caps on top of Tubs, Jars, Tumblers, etc., of Butter, Cheese, Lard, Preserves, Pickles, Mince Meats, etc.

Better, Cheaper and More Convenient to use than ordinary Muslin

It is pure and free from adulterations

PRICE, 15 CENTS PER POUND

ORDER EARLY TO AVOID DISAPPOINTMENT



WATERS BUTTER WORKER

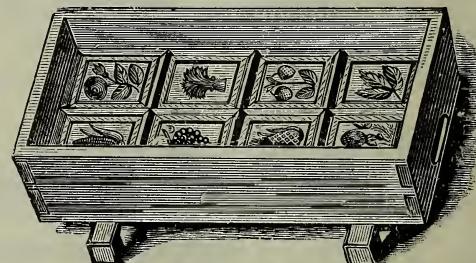
	Capacity	Price
No. 0,	1 to 15 lbs.,	\$6.00
No. 1,	5 to 30 lbs.,	7.00
No. 2,	5 to 40 lbs.,	8.00
No. 3,	5 to 50 lbs.,	9.00
No. 4,	10 to 80 lbs.,	11.00

COMBINATION BUTTER PRINTS

These Butter Prints are largely used and give perfect satisfaction; practical, simple and durable.

Prints engraved to order with simple design, initial or monogram, without extra charge.

For special design a small advance on the list will be charged.



No. of Print	No. of Cakes	Capacity or Molds in lbs.	Capacity of Each Cake in ounces	Dimensions of Molds in inches	Dimensions of Each Cake	Price
2	4	2	8	11x3 $\frac{3}{4}$	3 $\frac{3}{4}$ x2 $\frac{3}{4}$	\$3.75
3	4	2	8	12x3	3x3	3.75
4	4	1	4	4 $\frac{1}{2}$ x5	2 $\frac{1}{4}$ x2 $\frac{1}{2}$	3.50
5	4	1	4	10x2 $\frac{1}{2}$	2 $\frac{1}{2}$ x2 $\frac{1}{2}$	3.75
6	8	2	4	10x4 $\frac{1}{2}$	2 $\frac{1}{4}$ x2 $\frac{1}{2}$	4.50
10	24	1 $\frac{1}{2}$	1	10x4	1 $\frac{1}{4}$ x1 $\frac{1}{3}$	5.25
12	8	4	8	11x5	2 $\frac{3}{4}$ x2 $\frac{1}{2}$	4.50

BLANCHARD BUTTER MOLDS MILKING TUBES

$\frac{1}{2}$ Pound,	. . . . .	\$ .35
1 Pound,	. . . . .	.45
2 Pound,	. . . . .	.50

If ordered sent by mail add 15c. for postage

For Sore and Obstructed Teats
and Hard Milking Cows



Price, Postpaid, 25 Cents

MILK BOTTLE CARRIERS

2—1 quart, Wire, 45c.	8—1 quart, Wire, 75c.
4—1 quart, Wire, 50c.	6—1 qt., flat Wire, 75c.
6—1 quart, Wire, 65c.	8—1 qt., flat Wire, \$1.00

FOLDING PAPER BUTTER BOXES

1 Pound, 75c. Per 100

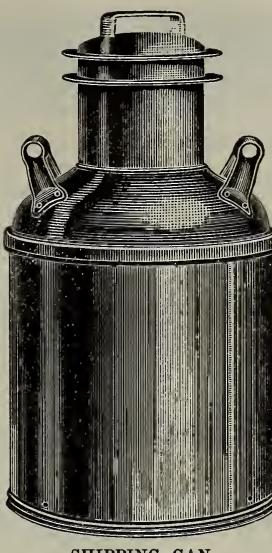
SEND US YOUR MAIL ORDERS

MILK CANS

We Can Furnish
Any Style or
Size
also

Cream Cans, Cream and Milk Pails

Write for Quotations



SHIPPING CAN

Milk or Cream Bottles

1 Half-pint.....	Per Dozen, \$.50
1 Pint.....	" " .55
1 Quart.....	" " .70
2 Quart.....	" " 1.25

Special prices made in gross lots

Milk Bottle Caps

Plain or Printed

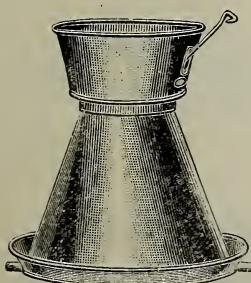
1,000 in a package	\$.25
5,000 in a package	1.10

The Pura Dairy Pail Frame

The Pura Dairy Pail Frame is the simplest, most convenient and least expensive device ever invented for producing clean milk. You do not buy a new pail, but place the frame on the one you are now using, the frame being constructed to give **any size** opening wanted, from a half-covered pail to a three-inch opening, by sliding the frame in either direction. Once adjusted it will stay firmly in place.

This Frame is of heavily tinned wire, practically indestructible and easy to use.

Price, 50c. By mail postpaid, 55c.



CHAMPION MILK COOLER AND AERATOR

Milk cooled as soon as milked makes more and better butter and cheese. Not only cools the milk, but completely aerates it, removing all offensive flavors.

No.	Capacity of Milk Receiver	Size of Dairy	Takes Care of	Price
2	18 Quarts	10 to 25 Cows	3 Milkers	\$5.50
3	34 Quarts	25 to 50 Cows	5 Milkers	\$6.25

KOW-KURE

The Great Medicine for Cows Only

It acts upon the digestive, generating and milk-secreting organs, keeping the entire system toned up and in perfect working order.

Price, 50c. and \$1.00 per can

Grange Garget Cure

Cures garget without in any way injuring the cow or lessening the flow of milk.

Price, 50c. per can

COW'S RELIEF

Indispensable in the dairy. Heals and removes soreness from sore or injured teats.

Price, 50c. and \$1.00 per can

“Sterling” Print Butter Carriers

The boxes and trays are made of whitewood; and have no taste or smell. They are strong and durable, and will carry the butter in good condition.

Without Ice Box.	No. Trays.	Size.	Price.
12 lbs.	4	10 $\frac{1}{4}$ x 7 $\frac{3}{8}$ inches, 1 $\frac{5}{8}$ inches deep, inside measure,	\$1.75
24 "	4	10 $\frac{1}{4}$ x 14 $\frac{5}{8}$ " " " " "	2.00
30 "	4	10 $\frac{1}{4}$ x 18 $\frac{1}{2}$ " " " " "	2.25
40 "	5	10 $\frac{1}{4}$ x 18 $\frac{1}{2}$ " " " " "	2.50

Ice Box Attachments, 75c. Each.

Sanitary Bottle Crates

STANDARD, 20 Pints,	\$1.00 Each	STERLING, 12 Quarts,	45c. Each
" 12 Quarts,	1.00 "	" 12 Pints,	40c. Each

The “Facile” Improved Babcock Milk Tester

The “Facile” Hand Tester is very compact and is the most favored apparatus, in small compass, for testing milk. Price includes a full set of glassware, comprising test bottles, pipette, acid measure; also bottle brush and bottle of test acid.

2-Bottle Machine,	\$4.00	6-Bottle Machine,	\$8.25
4-Bottle Machine,	5.00	8-Bottle Machine,	9.00

Wells, Richardson & Co.’s Dandelion Brand Butter Color

Purely Vegetable. Always Gives Satisfaction

Small size, 4 ounces, to color about 500 pounds	.	.	.	.	.	.	.	\$ .25
Medium size, 10 ounces, to color about 1,250 pounds	.	.	.	.	.	.	.	.50
Large size, 24 ounces, to color about 2,800 pounds	.	.	.	.	.	.	.	1.00
Cans, 1 gallon each	.	.	.	.	.	.	.	2.50

We Carry in Stock the Best Grades of Brushes for
Cleaning Milk Bottles, Test Bottles, Milk
Cans and Cream Separators

MILK SCALES

BUTTER LADLES

BUTTER SPADES

BUTTER BOWLS

ACID MEASURES

GRADUATING GLASSES

MILK PIPETTES

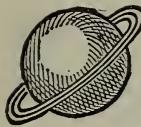
SEPARATOR OIL

Babcock Test Bottles for Milk 10 to 25 per cent.

Babcock Test Bottles for Cream 25 to 50 per cent.

Cream Test Tubes

PRICE IS SECONDARY TO QUALITY



Planet Jr. Garden Tools



Planet Jr. Tools are better made, better finished and capable of a greater variety of work than any other on the market, and we guarantee them to be satisfactory in every way.

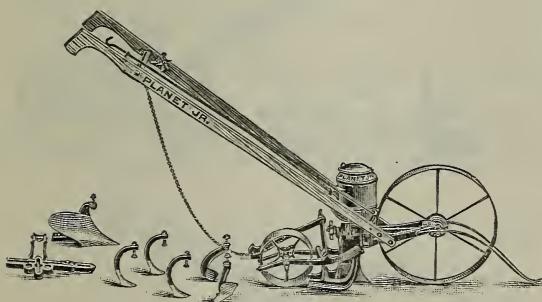
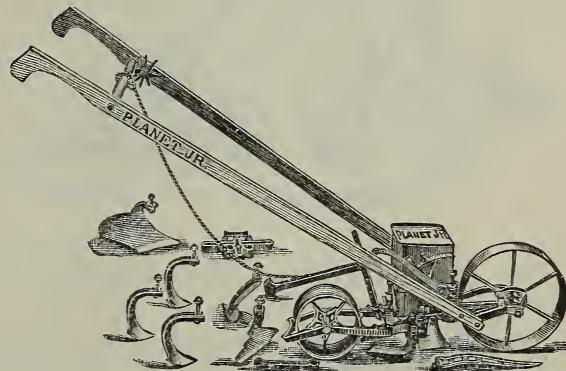
A 64 page catalog will be sent FREE on application

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty. It is a practical, every-day time, labor and money saver. It sows in continuous rows with great uniformity, and drops with accuracy in hills, 4, 6, 8, 12 or 24 inches apart. The feed is automatically stopped by raising the handles, and started by lowering them.

Price, Complete, \$11.00

As a Seeder Only, \$9.00. Holds 2½ Quarts of Seed



No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

What It Will Do.—It drops all garden seeds in hills and sows in drills, with the greatest regularity, in a narrow line, to any exact depth required, covers, rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops, completing a row at every passage, up to 16 inches in width.

The whole combination is the best and most useful we have ever offered. We advise buying the machine complete, as there is a considerable saving by doing so, but we sell the Seeder and the Wheel Hoe separately if desired.

Price, Complete, \$13.50

As a Seeder Only, \$11.00. As a Wheel Hoe only
\$6.25

No. 3 Planet Jr. Hill and Drill Seeder

The No. 3 driving wheel is steel, with heavy forged steel spokes, not "piano wire," of proper height, with broad face, making the tool light and easy running, even with the hopper filled to the brim.

The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper.

The hill dropping is simple and reliable; making hills either 4, 6, 8, 12 or 24 inches apart.

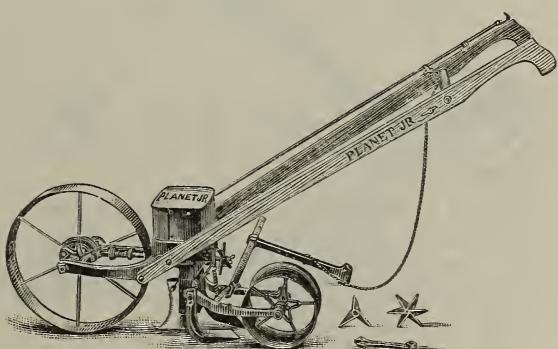
Changes of distance between hills may be made in less than a minute, by substituting one gauge wheel for another.

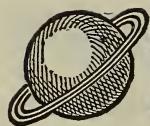
A favorite among onion growers, market gardeners and seedsmen.

Holds 3 Quarts of Seed.

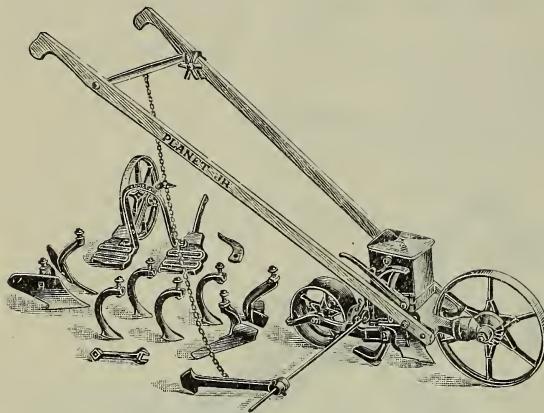
Price, \$10.50

ORDER EARLY TO AVOID DISAPPOINTMENT





Planet Jr. Garden Tools



No. 25 Planet Jr., Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow

This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.

As a seeder it is practically the same as the Planet Jr. No. 4; will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart and has the same feed, hill dropping mechanism, and automatic device for stopping the feed, and has also the new seed index. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

The change from Drill to Wheel Hoe and back again is quickly made, and the entire combination is one we can heartily recommend and guarantee satisfactory.

Made with steel frame, practically indestructible.

Price, \$13.50

No. 12 Double Wheel Hoe, Cultivator and Plow

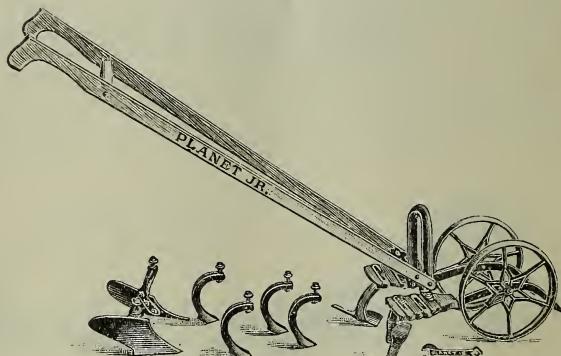
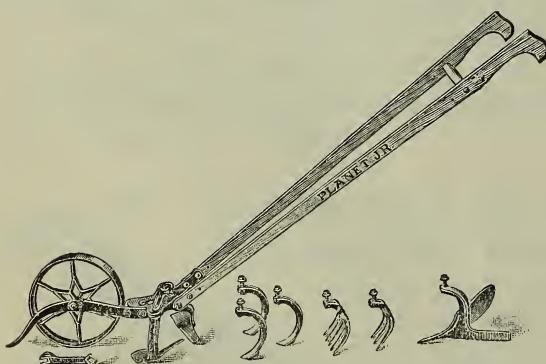
The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion and small sugar beet grower, and also for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel.

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 6-inch for rows 12 inches and upward.

The Plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

Price, with Attachments as in cut, \$7.00



No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered, finely formed, finished and polished and work to a charm.

Price, with Attachments as in cut, \$5.85

No. 18 Planet Jr. Single Wheel Hoe

This tool has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other tools can be added as needed.

Price, \$3.50

No. 17 Planet Jr. Single Wheel Hoe

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

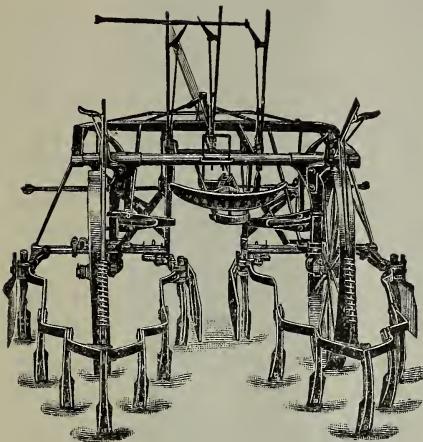
No. 17 is identical with No. 16, except in equipment.

Price, \$5.00

SEND US YOUR MAIL ORDERS



Planet Jr. Garden Tools



No. 72 Planet Jr. Two-Row Pivot Wheel Cultivator, Plow, Furrower and Ridger

The Planet Jr. No. 72 Two-Row Cultivator does rapid and thorough work, even in rows of irregular widths. It completes the cultivation of two rows at one passage, at all widths from 28 to 44 inches, inclusive, and is specially built to do this when the rows are irregular. It is so designed that the operator can make changes in width of gangs instantly while in motion, by means of a handy lever for each gang, thus accommodating the machine to rows which vary greatly in width. The wheels and gangs can also be changed for different width rows in a few minutes.

Equipment: Fourteen cultivator teeth. Four reversible plows. Two 8-inch shovels. Four plant guards.

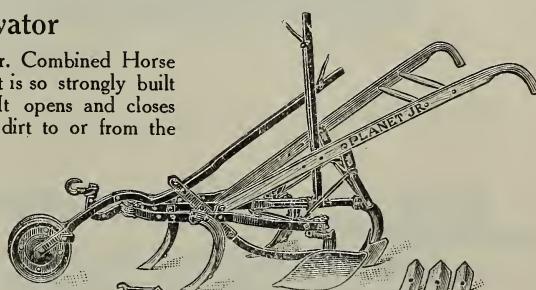
Price, Complete with Spring Trip Standards, \$61.25

COMPLETE CATALOG SENT FREE ON APPLICATION

No. 8 Planet Jr. Horse Hoe and Cultivator

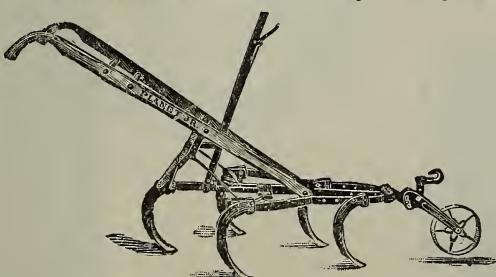
No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from centre again. You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

Price, with Attachments as shown in cut, \$9.25



No. 9 Planet Jr. Horse Hoe and Cultivator

The No. 9 Horse Hoe is the No. 8 without the depth regulator and has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, patent Star wheel, patent lever expander and hollow steel wheel arms. It works the same, except that it lacks the steadiness and control of depth made possible by the depth regulator. Price, with New Steel Wheel, \$8.00.



No. 9 Planet Jr. Plain Cultivator

A light and strong tool, having the improved patent hollow steel standards, parellel and extra high steel frame, patent lever expanders, handle braces and side adjustments for handles. For very narrow rows, the outside teeth and standards may be removed from the frame.

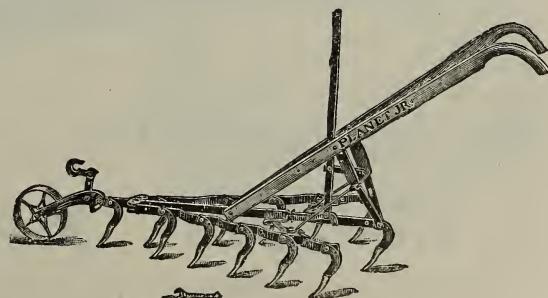
Price, with New Steel Wheel, \$6.75

Planet Jr. Twelve-Tooth Harrow WITH NO. 9 WHEEL

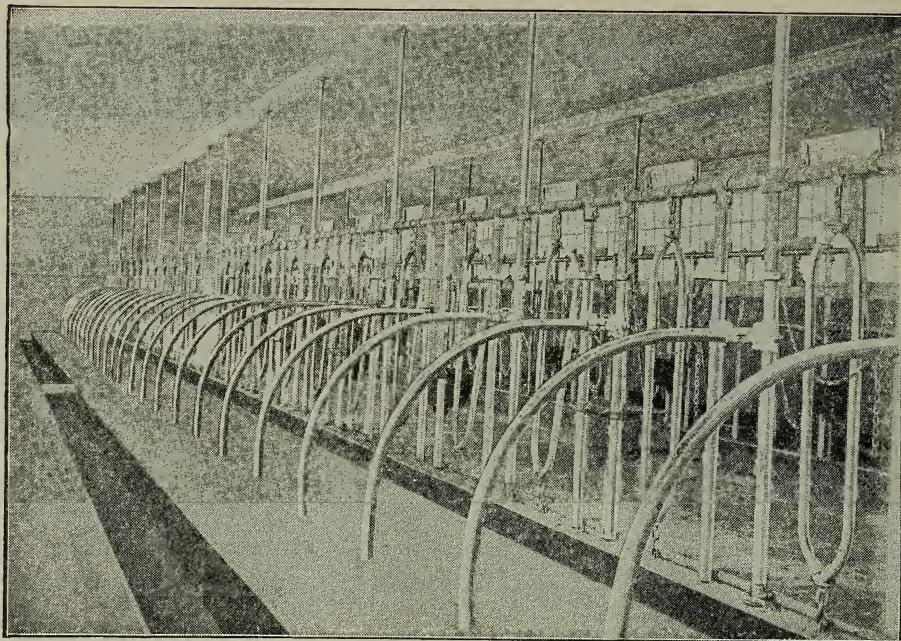
Price, \$6.90

Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

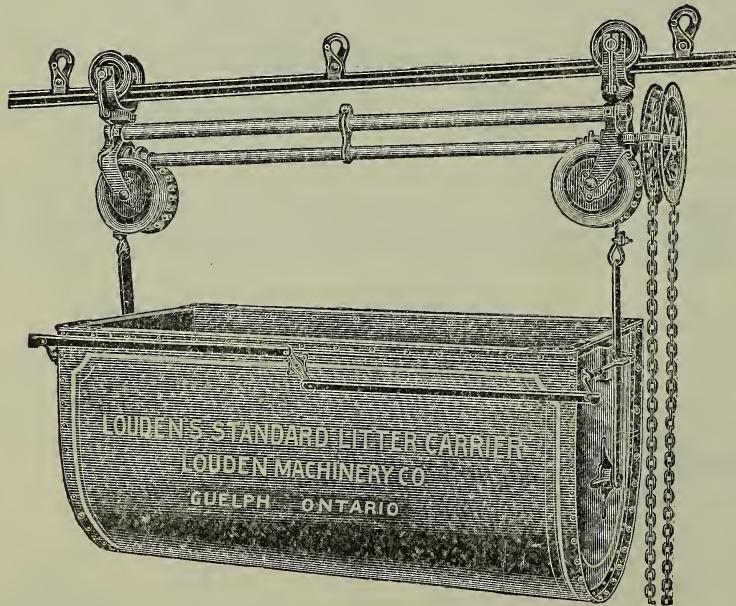
Price, with New Steel Wheel, \$7.15



"STERLING QUALITY" SEEDS MEAN THE BEST



LOUDEN COW STALLS

COW
STANCHION

We Are Agents for

LOUDEN MACHINERY CO.

Write for Prices and Descriptive Catalogue

PRICE IS SECONDARY TO QUALITY

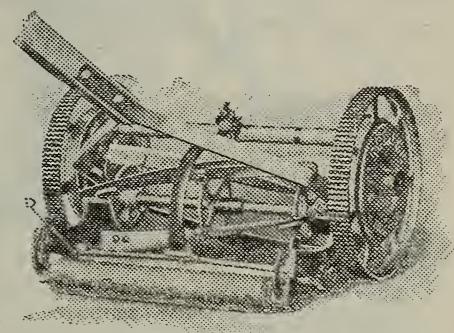
THE ECLIPSE

Self-Sharpening LAWN MOWER

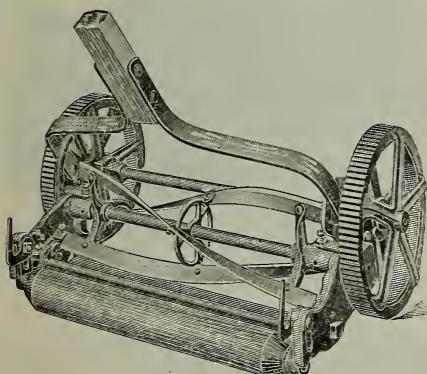
HAS patented reversing device for sharpening. Has patented lever adjustment of cutting bar which does away with the use of four troublesome set screws. Has patented bearings which will keep the reel shaft longer in place than any other bearing made. Ten inch drive wheels, Crucible Steel blades. Lower blade has raised cutting edge which gives it greater strength and more durability. Seven-eighth inch solid steel tie rod keyed to the side plates which makes a very rigid frame. The drive is direct, thus saving power.

Did you ever notice that most lawn mowers fall short one-half to three-quarters of an inch in cutting full width? A 16-inch **Eclipse** cuts full 16 inches; a 20-inch cuts full 20 inches; all sizes cut **Full Width**.

And here's another important advantage the **Eclipse** has over the ordinary type of lawn mower: It will cut with equal facility whether running fast or slow. That's because each knife is scientifically self-sharpened, evenly, from end to end, while the patented bearing holds the shaft firmly in place, thus insuring a perfect shear cut on every blade of grass all the time.



Prices. 14-inch cut, \$10.00; 16-inch cut, \$11.00; 18-inch cut, \$12.00; 20-inch cut, \$13.00



The "Norka" Lawn Mower

The "Norka" Lawn Mower

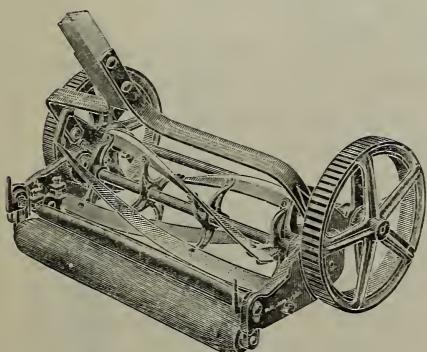
This machine is a popular, moderate priced mower. It is of three blades and embodies in its construction the special features of the medium priced machines. All materials are of the best and the cutting parts are perfectly ground and fitted.

Prices. 14-in., \$3.50; 16-in., \$3.75; 18-in., \$4.00

The "Electric" Ball Bearing Mower

This is our best medium priced machine. It has a nine-inch drive wheel, also the closed hub with special oil retaining chamber.

Prices. 14-in., \$5.50; 16-in., \$5.75; 18-in., \$6.00



The "Electric" Ball Bearing Mower

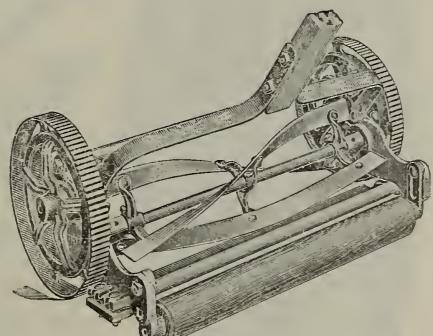
"Little Shaver"

Lawn Mower

Wheels 8 inches. Cutting reel, three-blade $4\frac{3}{4}$ inches. A first-class low-priced mower. Adjustable bearings, to take up wear. Well made and nicely finished.

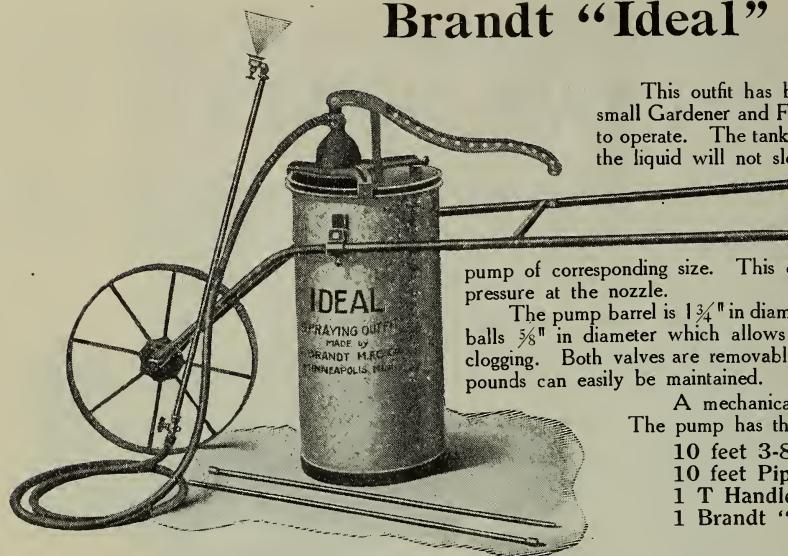
Sizes 12, 14 and 16-inch

Price, each size, \$2.75



"Little Shaver" Lawn Mower

Brandt "Ideal" Spray Outfit



This outfit has been designed to fill the requirements of the small Gardener and Fruit Grower. It is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray

pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

The pump barrel is $1\frac{3}{4}$ " in diameter, 7" in length. The valves are bronze balls $\frac{5}{8}$ " in diameter which allows free passage for the liquids and prevents clogging. Both valves are removable. A pressure of one hundred and fifty pounds can easily be maintained.

A mechanical agitator keeps the liquid well stirred. The pump has the following equipment:

- 10 feet 3-8" Pressure Hose.
- 10 feet Pipe Extension, in three pieces.
- 1 T Handle Shut-off Cock.
- 1 Brandt "IDEAL" Nozzle.

PRICE, \$19.00

Brandt "Imperial" Spray Outfit

This outfit is complete and ready for operation. Holds thirty-two gallons. Is mounted on two 30 inch wheels with 2 inches oval face, balanced with sufficient weight on the handles to hold it steady on rough surfaces. The pump is held in place by two strong castings and may be adjusted up or down to suit the height of the operator. A mechanical agitator keeps the liquid well mixed. All valves and working parts are brass and the outfit has the following equipment:

- 10 Feet 5-Ply Pressure Hose.
- 1 T Handle Shut-off Cock.
- 10 Feet Pipe Extension (in three pieces).
- 1 Single "IDEAL" Nozzle.

PRICE, \$20.00

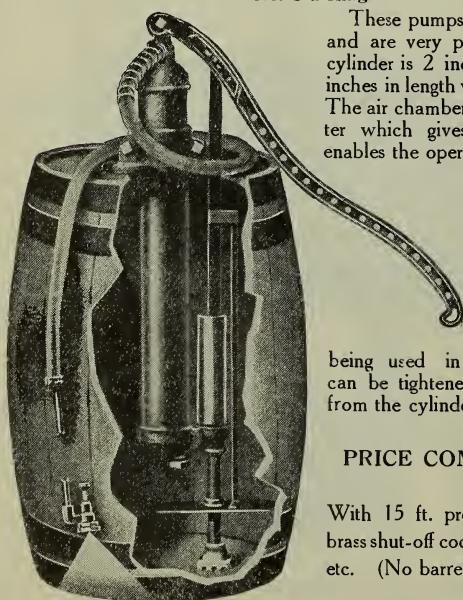
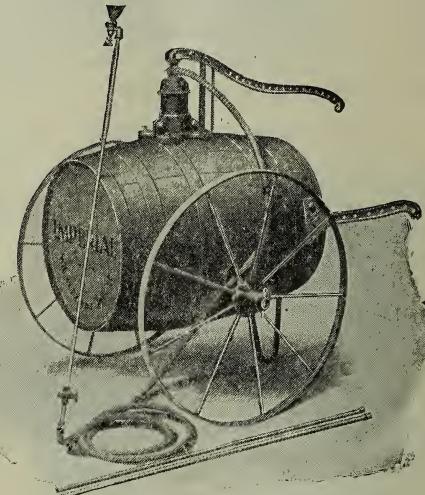
BARREL SPRAY PUMP

No. 5-a King

These pumps are of large capacity and are very powerful. The pump cylinder is 2 inches in diameter by 7 inches in length with a $4\frac{1}{2}$ inch stroke. The air chamber is 3 inches in diameter which gives great capacity and enables the operator to maintain a uni-

form pressure. The valves are $\frac{5}{8}$ inch bronze balls and can be removed without taking the pump apart. The pump plunger is a special design—(no rubber or leather

being used in its packing), which can be tightened without removing it from the cylinder.



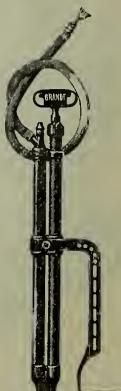
PRICE COMPLETE \$14.00

With 15 ft. pressure hose, 8 ft. pipe, brass shut-off cock, nozzle, hose clamps, etc. (No barrel.)

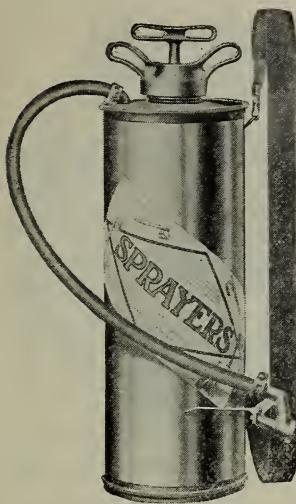
BRANDT BUCKET PUMP

Made all of brass with large air chamber, which gives a uniform pressure. Ball valves. Reversible nozzles. High grade pressure hose fastened with patent clamps. Very powerful—will throw a stream 50 feet. Fine for washing buggies, windows, and spraying tall trees, chicken houses, etc.

PRICE \$2.50



SEND US YOUR MAIL ORDERS



THE "PERFECTION SPRAYER"

This is a Sprayer of the high pressure type. It is larger, stronger and much more powerful than anything in its class. The barrel is $7\frac{1}{2}$ " in diameter, 20" high. The pump is $1\frac{3}{4}$ " seamless brass tubing. The valves are METAL. The top is fastened after the style of the best makes of fire extinguishers. The hose is 5-ply cloth inserted. The nozzle is the well-known Automatic type. Capacity of Sprayer, $3\frac{1}{4}$ gallons. Weight, $9\frac{1}{2}$ lbs. All Sprayers tested to 60 lbs. before leaving factory.

This Sprayer will handle whitewash, water, paints, Bordeaux mixtures, etc., perfectly. For whitewash and all heavy mixtures it is necessary to use a No. 2 Cap in nozzle, which is furnished with Sprayers.

BRASS, \$7.50. GALVANIZED STEEL, \$5.00

The "EASY" SPRAYER

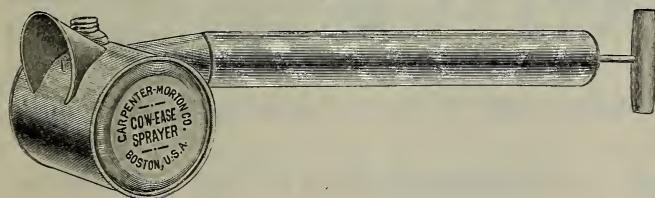
COMPRESSED AIR

This Sprayer has a large and strong pump, Automatic shut-off nozzle, legs under tanks. Can be used for whitewashing, disinfecting and cleaning chicken houses and is very desirable for large gardens, etc. It is made of galvanized steel. Holds one gallon.



PRICE, \$2.00

The "COW-EASE" SPRAYER THE "MIDGET" SINGLE ACTION



This Sprayer is made especially for applying FLY OIL TO CATTLE AND HORSES
Length, 24 inches

Full quart tank, seams double spun and soldered, heavy steel rod with anhydrous leather plunger. Air chamber runs to top of tank, making the most perfect sprayer on the market.

PRICE, 40c.

A low cost Sprayer, made of heavy tin — a general purpose machine. Holds one pint.

PRICE, 25c.



THE ACRE-AN-HOUR SIFTER

The ideal sifter for Farm Use for applying BUG DEATH dry. A remarkably effective and distinctly economical method. Easy to operate and gives quick covering to all plants and vines requiring a top application.

Experience has proven that the liberal use of BUG DEATH three or four times in a season is most economical, as it saves going over many, many times, as in the case with arsenical poisons.

PRICE, 75c.

DICKEY BUG DEATH DUSTER



For applying BUG DEATH, dry, to small flower or vegetable gardens. It is a mighty handy thing to have around the house.

PRICE, 25c.

"STERLING QUALITY" SEEDS MEAN THE BEST



The **Guaranteed Cattle Oil** is the most lasting, most satisfactory fly oil or killer manufactured, regardless of price.

Protects Stock from Flies

We call this Fly Oil "Guaranteed," because it is guaranteed to protect cattle and horses from flies and mosquitoes to your satisfaction. All we ask is that you use it as directed. It is mixed ready for use on opening the can. In case it fails, return the unused portion to us any time within 30 days from date purchased, and we will return you the amount paid. There are but few fly oils which are really satisfactory. Most of them are either not lasting, or are expensive or injurious.

Price, per gallon, 75 cents

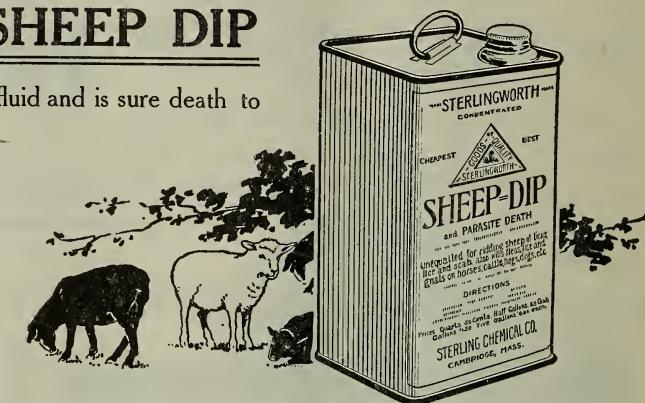
STERLINGWORTH SHEEP DIP

This preparation is a very concentrated fluid and is sure death to all parasites which infect sheep, cattle or hogs.

It conforms to the government requirements, and is unequalled for preparing an effective and economical Dip for ridding sheep of ticks, lice and scab; also kills fleas, lice and gnats on horses, cattle, hogs, dogs, etc.

One gallon makes 50 to 60 gallons of strong dip. Full directions on every can.

Prices: 1 quart cans, 50 cents; $\frac{1}{2}$ gallon cans, 75 cents; 1 gallon cans, \$1.40



Sterlingworth Weed Killer



The most powerful and effective weed destroyer known for use on walks, drives, dirt tennis courts, golf links, etc., or where the killing of all vegetation is desired. It is a dry powder that easily dissolves in cold water.

Directions for use on each package.

Prices: 1 lb. package, 50c.; 3 lb. package, \$1.25

Sterlingworth Whale Oil Soap and Tobacco

Kills Lice and All Sucking Insects on Trees, Shrubs, Plants, Vines and Rose Bushes



It is a compound of Whale Oil and Fish Oil, the efficiency of which is increased by the addition of tobacco extractive matter. It possesses all the valuable features of Whale Oil or Fish Oil Soap, and additional insecticide values of tobacco, and can be used for any purpose for which Whale or Fish Oil Soap is used, with doubly satisfactory results. Directions on box. Price: 1 lb. box, 15c.; 5 lb. box, 60c.

STERLINGWORTH POWDERED TOBACCO

A very effective and cheap remedy for Bugs, Worms, Lice on Cabbages, Squashes, Melons, Cucumbers, Potatoes, Plants, etc. It is for application while the vegetation is wet with dew. This product is fine as flour, sticks well to the leaves and analyzes high in nicotine.

Prices: 1 pound box, 10 cents; 100 pound sacks, \$3.50 each

PRICE IS SECONDARY TO QUALITY

INSECTICIDES



GRASSELLI SPRAY PRODUCTS have already established for themselves a reputation among fruit growers and truck growers who spray.

GRASSELLI ARSENATE OF LEAD

THE superior qualities of this article as an insecticide are already well known. The arsenic is the poisoning agent. The lead serves two purposes; it acts as a binder, holding the arsenic upon the foliage and forms a strong chemical union with the arsenic, reducing to the minimum Soluble Arsenic, which causes foliage injury.

It contains less than $\frac{1}{2}\%$ Soluble Arsenic and will not injure the most delicate foliage when used according to directions.

Packed in 600 pound barrels, 300 pound barrels, 100 pound kegs, 50 pound kegs, 20 pound kegs, 10 pound kegs, 5 pound earthenware jugs, 2 pound glass jars, 1 pound glass jars.

GRASSELLI LIME SULPHUR SOLUTION

THE value of Lime Sulphur Solution as an Insecticide and a Fungicide is due entirely to the actual combined Lime and Sulphur in Solution.

Grasselli Lime Sulphur Solution contains 33% combined lime and sulphur in solution at 32 to 33 degrees Beaume, the maximum that will stay in solution under the various climatic conditions to which it is liable to be exposed.

Lime Sulphur Solution has largely replaced Bordeaux Mixture and other copper sprays because it can be used strong enough to control Fungi without serious injury to fruit or foliage.

Put up in barrels, $\frac{1}{2}$ barrels, 5 gallon cans, 1 gallon cans, 2 quart cans, 1 quart cans.

WRITE FOR BOOKLET AND PRICES

Sterlingworth Hellebore

FOR LEAF-EATING INSECTS

NO preparation is so satisfactory and generally effective against Rose Slugs, Currant Worms and all other leaf-eating insects as pure White Hellebore; but it must be pure and strong to give good results.

Sterlingworth Hellebore is ground from pure, fresh, prime White Hellebore Root, carefully cleaned before grinding.

It is put up in patent, air-tight, sifter-top boxes. This box is so constructed that the perforations forming the sifter-top can be closed after being opened and thus conserve the strength of any powder remaining unused.

Hellebore may be used dry or as a spray. Full directions on each package.

PRICES: $\frac{1}{4}$ pound box, 10 cents; $\frac{1}{2}$ pound box, 15 cents; 1 pound box, 25 cents.

ORDER EARLY TO AVOID DISAPPOINTMENT



WE ARE AGENTS FOR
LISTER'S STANDARD FERTILIZERS

Established 1853

Oldest and best Brands for all crops

ASK FOR CATALOG AND PRICES

Shredded Cattle Manure

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists are using it instead of rough manure. Unequalled for all field use.

Price, per Bag (100 lbs.), \$1.50.

Pulverized Sheep Manure

Pure manure and nothing else. The best fertilizer for carnations and for liquid top dressing.

Price, per Bag (100 lbs.), \$2.00

Chemicals

Acid Phosphate
 Dissolved Bone Black
 Dried Blood
 Kainit
 Muriate of Potash

Nitrate of Soda
 Sulphate of Ammonia
 Sulphate of Potash
 Tankage

Write for Prices

Land Plaster

Price, per Bag (200 lbs.),	\$1.00
“ per Bag (100 lbs.),	.60

Agricultural Lime

Price, per Bag (100 lbs.),	60c
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Hard Wood Ashes

Price, per Bag (100 lbs.),	\$1.00
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Bordeaux Lime

Price, per Bag (100 lbs.),	85c
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Bug Death



BUG DEATH is absolutely harmless to the life of the plant and because this is so, is just the reason it is so vastly superior to any other insect destroying preparation. Kills all bugs and worms that chew the leaves and foliage. Contains no Paris Green or Arsenic. May be used dry or in solution.

1 lb. pkg., 15c.; 3 lb. pkg., 35c.; 5 lb. pkg., 50c.; 12½ lb. pkg., \$1.00; 100 lb. keg, \$6.50.

Pat. March 16 and Nov. 9, 1897.

Bowker's Plant Food

An odorless Fertilizer for House Plants.

Price, per Package (small),	15c
“ per Package (large),	25c

Warncke's Cutworm Food

It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as it is found in the package. Directions for use on each package.

1 lb. Package,	25c
“ (by mail 40c)	
5 lb. box,	\$1.00

SEND US YOUR MAIL ORDERS



Bowker's Pyrox

The one best spray for all leaf-eating insects. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes, saving labor and expense. "Sticks like paint" in spite of even heavy rains. All ready to use by adding water. 1 lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., \$7.50;

100 lbs., \$13.50.

Large quantities, price on application.



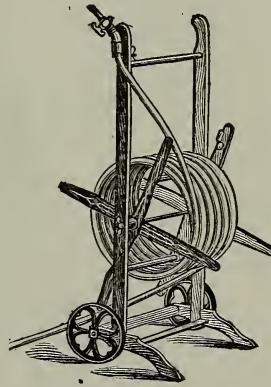
ASPARAGUS KNIFE



PRUNING SAW



PLANT PROTECTOR



HOSE REEL

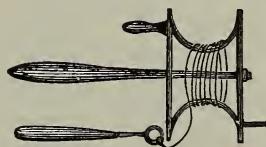
WOOD LABELS

			100	Plain 1000	Painted 1000
4 in.	Pot label,		\$.12	\$.50	\$.70
4½ "	" "		.12	.60	.80
5 "	" "		.15	.75	.95
6 "	" "		.15	.90	1.20
8 "	Garden label,		.40		3.70
10 "	" "		.45		4.80
12 "	" "		.60		6.00
3½ "	Tree " Copper wired,	.20			1.20



The Slanting Top Sash with Double Glass is the secret of success. It lets the light and heat in; it keeps the cold out. The air between the two layers of glass, spaced apart, protects from extreme heat and extreme cold.

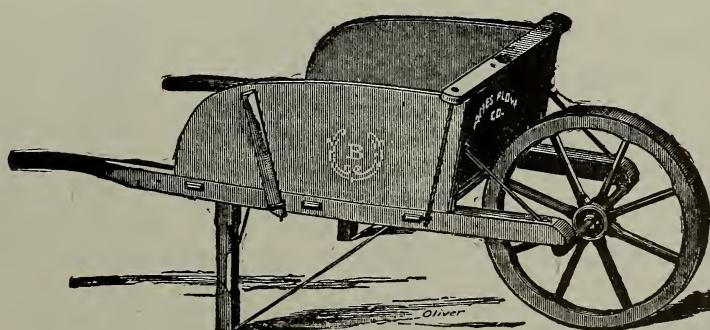
No. 1. Small Size,	19x21 in.,	\$2.00
No. 2. Large Size,	19x42 in.,	3.75
No. 3. Extra Large,	19x63 in.,	4.75



GARDEN REEL



WATER SPRINKLER



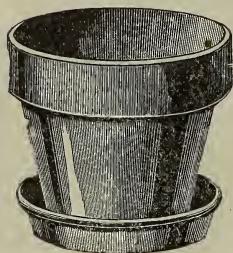
GARDEN WHEELBARROW

Hoes
Lawn Sprinklers
Pruning Knives
Pruning Saws
Pruning Shears
Tree Pruners
Shovels
Spades
Wheelbarrows
Norcross Weeders

Manure Forks
Spading Forks
Hay Forks
Garden Lines and Reels
Garden Rakes
Garden Sprinklers
Garden Trowels
Grafting Knives
Grass Hooks
Grass Shears

STANDARD FLOWER POTS

(Earthenware)



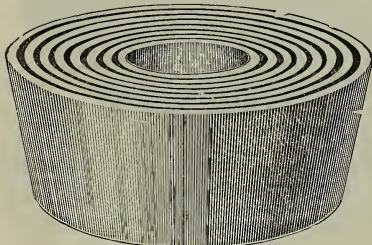
	Each	Per Doz.		Each	Per Doz.
2 inch		\$.10	8 inch	.12	\$ 1.25
2½ inch		.12	9 "	.20	1.80
3 inch		.15	10 "	.30	2.50
3½ inch		.20	11 "	.40	3.50
4 inch	.04	.25	12 "	.50	5.00
5 "	.05	.40	16 "	1.00	9.00
6 "	.07	.60	18 "	1.75	18.00
7 "	.10	.90	20 "	2.50	
				3.00	

Inside Measurement, Width and Depth Equal.

BULB PANS

(Earthenware)

	Each	Doz.		Each	Doz.
6 inch	.06	\$.65		9 inch	.12
7 inch	.07	.75		10 inch	.16
8 inch	.08	.90		12 inch	.25



"Neponset" Paper Flower Pots

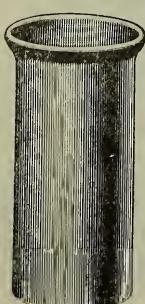
Made from the Neponset Waterproof

Fabric. Unbreakable and give ample drainage.

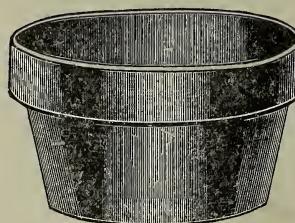
Valuable for shipping plants by express.

	Doz.	100	1000	
2½ inch pots	\$.08	\$.25	\$ 2.20	
2½ " "	.10	.30	2.40	
3 " "	.12	.45	3.90	
3½ " "	.18	.60	5.15	
4 " "	.20	.80	6.90	
5 " "	.25	1.20	10.35	
6 " "	.30	1.65	14.55	

Fibre Florists' Vases



No.	Diam.	Depth	Each	Doz.
0	8 in.	13 in.	\$.58	\$ 6.60
1	5½ "	10 "	.50	5.70
2	4½ "	9 "	.45	5.00
3	4 "	6 "	.38	4.20
4	3 "	4½ "	.30	3.30
00	9 "	22 "	2.25	25.00

Oak Plant
Tubs

12x11 inches	Each	\$ 1.25
14x12 "	"	1.50
16x13 "	"	2.00
18x15 "	"	2.25
20x17 "	"	2.65
24x20 "	"	3.00

FERN PANS

(Earthenware)

Size		Each	Doz.
4 x 1½ inches	.	.04	.36
4½ x 2½ "	.	.05	.40
5½ x 2½ "	.	.06	.50
6½ x 2½ "	.	.06	.55
7 x 2½ "	.	.07	.65
8 x 3½ "	.	.10	1.00

FLOWER POT SAUCERS

3 inch	.12 dozen.	8 inch	.55 dozen
3½ "	.13	9 "	.70
4 "	.16	10 "	.95
5 "	.20	11 "	1.10
6 "	.30	12 "	1.50
7 "	.40	14 "	2.25

VERANDA TRELLISES

Made of wood and rattan, painted green.

2 feet	\$.35 each	\$ 4.00 per dozen
3 "	.50	5.00
4 "	.55	6.00
5 x 1½ "	.80	9.00
6 x 1½ "	1.00	11.00
7 x 1½ "	1.20	13.00
8 x 1½ "	1.30	15.00
9 x 1½ "	1.55	18.00
10 x 1½ "	1.80	21.00
11 x 2 "	2.10	25.00
12 x 2 "	2.40	28.00

PLANT STICKS

For greenhouse or garden use.	Square.	Painted green.
Each	Doz.	100
1½ ft.	2c.	\$ 1.00
2 "	3c.	1.50
2½ "	4c.	2.00
3 "	5c.	4.00
3½ "	6c.	6.00
4 "	7c.	8.00
5 "	10c.	1.10
6 "	12c.	1.25
		9.00

JANITORS' SUNDRIES

In This Department We Carry
a Complete Stock of Supplies

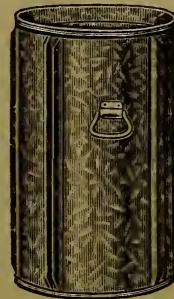
For the JANITOR or
For the HOUSEHOLD,
such as



O-Cedar Mop Polish



Brooms	Dustless Mops
Whisk Brooms	Mop Handles
Floor Brushes	Mop Wringers
Dust Brushes	Wash Tubs
Furniture Brushes	Wash Benches
Radiator Brushes	Wringers
Scrub Brushes	Clothes Dryers
Window Brushes	Clothes Line
Nail Brushes	Star Fibre Pails



Feather Dusters	Wooden Pails
Woven Down Dusters	Dust Pans
Dustless Dusters	Metal Polish
Cotton Mops	Liquid Cleaner
Dry Mops	Sweeping Compound



Baskets for the Office and General Use

Galvanized Iron Pails

Galvanized Iron Garbage Cans

Galvanized Iron Ash Barrels

Wyandotte Detergent

Wyandotte Cleaner and Cleanser

Your Patronage of This Department Is Solicited



IMPERIAL DAYBREAK ASTER